

Day : Wednesday

Date: 6/15/2005  
Time: 15:31:43 PALM INTRANET

# Inventor Information for 10/654546

| Inventor Name                     | City              | State/Country |
|-----------------------------------|-------------------|---------------|
| <u>GUZI, TIMOTHY J.</u>           | CHATHAM           | NEW JERSEY    |
| <u>PARUCH, KAMIL</u>              | GARWOOD           | NEW JERSEY    |
| <u>DWYER, MICHAEL P.</u>          | SCOTCH PLAINS     | NEW JERSEY    |
| <u>DOLL, RONALD J.</u>            | CONVENT STATION   | NEW JERSEY    |
| <u>GIRJAVALLABHAN, VIYYOOR M.</u> | PARSIPPANY        | NEW JERSEY    |
| <u>MALLAMS, ALAN</u>              | HACKETTSTOWN      | NEW JERSEY    |
| <u>ALVAREZ, CARMEN S.</u>         | LIVINGSTON        | NEW JERSEY    |
| <u>KEERTIKAR, KARTIK M.</u>       | EAST WINDSOR      | NEW JERSEY    |
| <u>RIVERA, JOCELYN</u>            | MONMOUTH JUNCTION | NEW JERSEY    |
| <u>CHAN, TIN-YAU</u>              | EDISON            | NEW JERSEY    |
| <u>MADISON, VINCENT</u>           | MOUNTAIN LAKES    | NEW JERSEY    |
| <u>FISCHMANN, THIERRY O.</u>      | SCOTCH PLAINS     | NEW JERSEY    |
| <u>DILLARD, LAWRENCE W.</u>       | SKILLMAN          | NEW JERSEY    |
| <u>TRAN, VINH D.</u>              | FOUNTAIN VALLEY   | CALIFORNIA    |
| <u>HE, ZHEN MIN</u>               | PRINCETON         | NEW JERSEY    |
| <u>JAMES, RAY ANTHONY</u>         | BRISTOL           | PENNSYLVANIA  |
| <u>PARK, HAENGSOON</u>            | PLAINSBORO        | NEW JERSEY    |
| <u>PARADKAR, VIDYADHAR M.</u>     | SOMERVILLE        | NEW JERSEY    |
| <u>HOBBS, DOUGLAS WALSH</u>       | YARDLEY           | PENNSYLVANIA  |

Appln Info

Contents

Petition Info

Atty/Agent Info

Continuity Data

Foreign Data

Search Another: Application#  Search or Patent#  SearchPCT /  /  Search or PG PUBS #  SearchAttorney Docket #  SearchBar Code #  Search

To go back use Back button on your browser toolbar.

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| Ref # | Hits | Search Query                             | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------|------------------|---------|------------------|
| L1    | 443  | ((514/259.31) or (544/281)).<br>CCLS.    | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/15 15:26 |
| L2    | 13   | 1 and ("[1,5-a]pyrimidin" "[1,<br>5-a]") | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/15 15:27 |

10/654,546

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| NEWS         | 4 FEB 28  | BABS - Current-awareness alerts (SDIs) available   |
| NEWS         | 5 MAR 02  | GBFULL: New full-text patent database on STN   |
| NEWS         | 6 MAR 03  | REGISTRY/ZREGISTRY - Sequence annotations enhanced   |
| NEWS         | 7 MAR 03  | MEDLINE file segment of TOXCENTER reloaded   |
| NEWS         | 8 MAR 22  | KOREAPAT now updated monthly; patent information enhanced  |
| NEWS         | 9 MAR 22  | Original IDE display format returns to REGISTRY/ZREGISTRY  |
| NEWS         | 10 MAR 22 | PATDPASPC - New patent database available  |
| NEWS         | 11 MAR 22 | REGISTRY/ZREGISTRY enhanced with experimental property tags  |
| NEWS         | 12 APR 04 | EPFULL enhanced with additional patent information and new fields  |
| NEWS         | 13 APR 04 | EMBASE - Database reloaded and enhanced  |
| NEWS         | 14 APR 18 | New CAS Information Use Policies available online  |
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| NEWS         | 16 APR 28 | Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS   |
| NEWS         | 17 MAY 23 | GBFULL enhanced with patent drawing images   |
| NEWS         | 18 MAY 23 | REGISTRY has been enhanced with source information from CHEMCATS   |
| NEWS         | 19 JUN 06 | STN Patent Forums to be held in June 2005  |
| NEWS         | 20 JUN 06 | The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available   |
| NEWS         | 21 JUN 13 | RUSSIAPAT: New full-text patent database on STN  |
| NEWS         | 22 JUN 13 | FRFULL enhanced with patent drawing images   |
| NEWS EXPRESS |           | JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005   |
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10/654,546

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FILE 'HOME' ENTERED AT 10:58:49 ON 15 JUN 2005

=> file reg

FILE 'REGISTRY' ENTERED AT 10:59:00 ON 15 JUN 2005

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STRUCTURE FILE UPDATES: 14 JUN 2005 HIGHEST RN 852282-01-0

DICTIONARY FILE UPDATES: 14 JUN 2005 HIGHEST RN 852282-01-0

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\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10654546.str

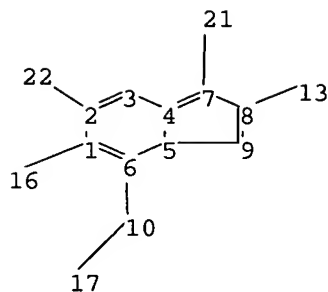
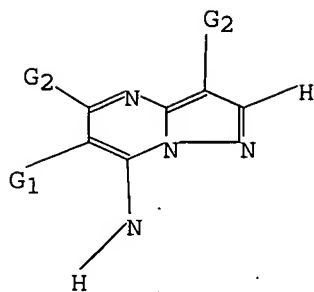
10/654,546

C \*1

1 \*1

N \*2

1 \*2



chain nodes :

10 13 16 17 21 22

ring nodes :

1 2 3 4 5 6 7 8 9

ring/chain nodes :

11 18

chain bonds :

1-16 2-22 6-10 7-21 8-13 10-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9

exact/norm bonds :

1-2 1-6 1-16 2-3 2-22 3-4 4-5 5-6 5-9 6-10 7-21 8-9

exact bonds :

4-7 7-8 8-13 10-17

isolated ring systems :

containing 1 :

G1:X,H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

G2:X,O,S, [\*1], [\*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 13:CLASS 16:CLASS 17:CLASS 18:CLASS 21:CLASS 22:CLASS

L1 STRUCTURE UPLOADED

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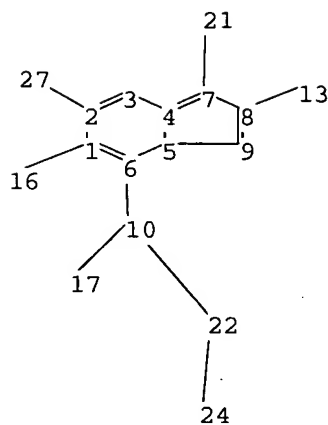
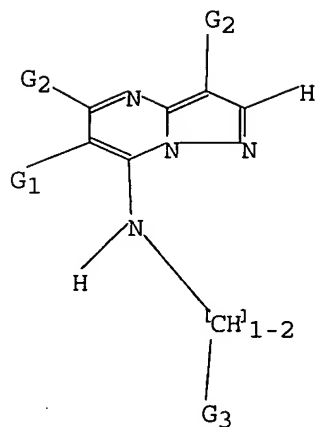
Uploading C:\Program Files\Stnexp\Queries\10654546claim2.str

C \*1

1-1

N \*2

1-2



chain nodes :

10 13 16 17 21 22 24 27

ring nodes :

1 2 3 4 5 6 7 8 9

ring/chain nodes :

11 18

chain bonds :

1-16 2-27 6-10 7-21 8-13 10-17 10-22 22-24

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9

exact/norm bonds :

1-2 1-6 1-16 2-3 2-27 3-4 4-5 5-6 5-9 6-10 7-21 8-9 10-22 22-24

exact bonds :

4-7 7-8 8-13 10-17

isolated ring systems :

containing 1 :

G1:X,H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

G2:X,O,S,[\*1],[\*2]

G3:Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 13:CLASS 16:CLASS 17:CLASS 18:CLASS 21:CLASS 22:CLASS 24:CLASS

27:CLASS

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L2        STRUCTURE UPLOADED

=> s 11; s 12 subset = 13 sample  
SAMPLE SEARCH INITIATED 11:00:01 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -     341 TO ITERATE

100.0% PROCESSED        341 ITERATIONS                    50 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                             BATCH    \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:        5713 TO        7927  
PROJECTED ANSWERS:            2831 TO        4449

L3        50 SEA SSS SAM L1

SAMPLE SUBSET SEARCH INITIATED 11:00:02 FILE 'REGISTRY'  
SAMPLE SUBSET SCREEN SEARCH COMPLETED -     49 TO ITERATE

100.0% PROCESSED        49 ITERATIONS                    37 ANSWERS  
SEARCH TIME: 00.00.01

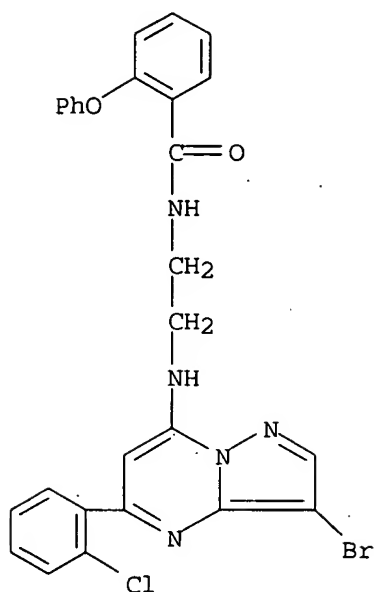
PROJECTIONS (WITHIN SPECIFIED SUBSET):                    ONLINE    \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):            560 TO        1400  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):                376 TO        1104

L4        37 SEA SUB=L3 SSS SAM L2

=> d scan

L4    37 ANSWERS    REGISTRY    COPYRIGHT 2005 ACS on STN  
IN    Benzamide, N-[2-[[3-bromo-5-(2-chlorophenyl)pyrazolo[1,5-a]pyrimidin-7-yl]amino]ethyl]-2-phenoxy- (9CI)  
MF    C27 H21 Br Cl N5 O2

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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

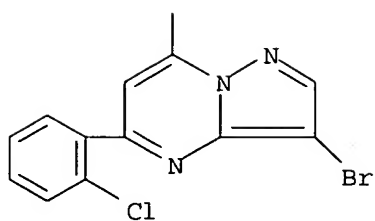
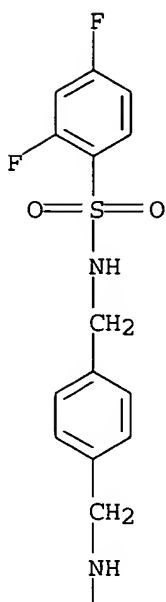
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L4 37 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Benzenesulfonamide, N-[[4-[[[3-bromo-5-(2-chlorophenyl)pyrazolo[1,5-a]pyrimidin-7-yl]amino]methyl]phenyl]methyl]-2,4-difluoro- (9CI)

MF C26 H19 Br Cl F2 N5 O2 S

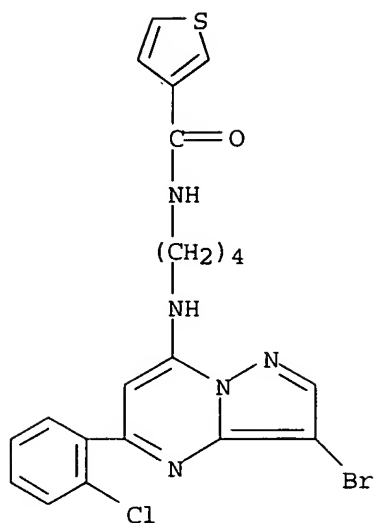




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 37 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN 3-Thiophenecarboxamide, N-[4-[[3-bromo-5-(2-chlorophenyl)pyrazolo[1,5-  
a]pyrimidin-7-yl]amino]butyl]- (9Cl)  
MF C21 H19 Br Cl N5 O S

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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 full; s l2 subset = 15 full; save 15 pyrazolo/a  
FULL SEARCH INITIATED 11:01:34 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 7359 TO ITERATE

100.0% PROCESSED 7359 ITERATIONS  
SEARCH TIME: 00.00.01

3894 ANSWERS

L5 3894 SEA SSS FUL L1

FULL SUBSET SEARCH INITIATED 11:01:35 FILE 'REGISTRY'  
FULL SUBSET SCREEN SEARCH COMPLETED - 3805 TO ITERATE

100.0% PROCESSED 3805 ITERATIONS  
SEARCH TIME: 00.00.01

3017 ANSWERS

L6 3017 SEA SUB=L5 SSS FUL L2

ANSWER SET L5 HAS BEEN SAVED AS 'PYRAZOLO/A'

=> file caplus caold; s l6; s wo20040022561?/pn  
FILE 'CAPLUS' ENTERED AT 11:02:37 ON 15 JUN 2005  
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L7 47 L6

L8 3 WO20040022561?/PN

=> s l7 not l8

L9 44 L7 NOT L8

=> sort l9 py

SORT ENTIRE ANSWER SET? (Y)/N:.

PROCESSING COMPLETED FOR L9

L10 44 SORT L9 PY

=> s l10 and cyclin?

L11 5 L10 AND CYCLIN?

=> s l10 and cdk2

L12 5 L10 AND CDK2

=> l11 or l12

L11 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s l11 or l12

L13 6 L11 OR L12

=> s l10 not l13

L14 38 L10 NOT L13

=> s l14 py

MISSING OPERATOR L14 PY

The search profile that was entered contains terms or

nested terms that are not separated by a logical operator.

=> sort l14 py

SORT ENTIRE ANSWER SET? (Y)/N:.

PROCESSING COMPLETED FOR L14

L15 38 SORT L14 PY

=> d l13 1-6 cbib pi fhitr

L13 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2004:981365 Document No. 141:379943 Preparation of pyrazolopyrimidines as

**cyclin**-dependent kinase inhibitors. Guzi, Timothy J.; Paruch,

Kamil; Dwyer, Michael P.; Doll, Ronald J.; Girijavallabhan, Viyyoor M.;

Mallams, Alan; Alvarez, Carmen S.; Keertikar, Kartik M.; Rivera, Jocelyn;

Chan, Tin-Yau; Madison, Vincent; Fischmann, Thierry O.; Dillard, Lawrence

W.; Tran, Vinh D.; He, Zhen Min; James, Ray Anthony; Park, Haengsoon;

Paradkar, Vidyadhar M.; Hobbs, Douglas Walsh (Schering Corporation, USA;

Pharmacoepia, Inc.). U.S. Pat. Appl. Publ. US 2004209878 A1 20041021,

1044 pp., Cont.-in-part of U.S. Ser. No. 654,546. (English). CODEN:

USXXCO. APPLICATION: US 2004-XB776988 20040211. PRIORITY: US

2002-PV408027 20020904; US 2002-PV421959 20021029; US 2003-654546

20030903; US 2004-776988 20040211.

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

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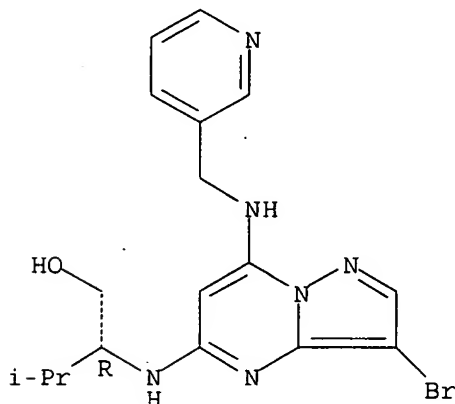
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10/654,546

PI US 2004209878 A1 20041021 US 2004-776988 20040211  
US 2004209878 A1 20041021 US 2004-776988 20040211  
IT **672319-49-2P**  
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU  
(Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study);  
PREP (Preparation); USES (Uses)  
(preparation of pyrazolopyrimidines as **cyclin**-dependent kinase  
inhibitors for treating cancer)  
RN 672319-49-2 CAPLUS  
CN 1-Butanol, 2-[[3-bromo-7-[(3-pyridinylmethyl)amino]pyrazolo[1,5-  
a]pyrimidin-5-yl]amino]-3-methyl-, (2R)- (9CI) (CA INDEX NAME)

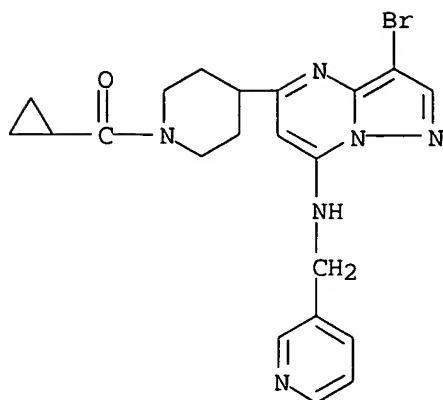
Absolute stereochemistry.



L13 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
2004:980998 Document No. 141:379942 Preparation of pyrazolopyrimidines as  
**cyclin**-dependent kinase inhibitors. Guzi, Timothy J.; Paruch,  
Kamil; Dwyer, Michael P.; Doll, Ronald J.; Girijavallabhan, Viyyoor M.;  
Mallams, Alan; Alvarez, Carmen S.; Keertikar, Kartik M.; Rivera, Jocelyn;  
Chan, Tin-Yau; Madison, Vincent; Fischmann, Thierry O.; Dillard, Lawrence  
W.; Tran, Vinh D.; He, Zhen Min; James, Ray Anthony; Park, Haengsoon;  
Paradkar, Vidyadhar M.; Hobbs, Douglas Walsh (Schering Corporation, USA;  
Pharmacoepia, Inc.). U.S. Pat. Appl. Publ. US 2004209878 A1 20041021,  
1044 pp., Cont.-in-part of U.S. Ser. No. 654,546. (English). CODEN:  
USXXCO. APPLICATION: US 2004-XA776988 20040211. PRIORITY: US  
2002-PV408027 20020904; US 2002-PV421959 20021029; US 2003-654546  
20030903; US 2004-776988 20040211.

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
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|    | US 2004209878 | A1   | 20041021 | US 2004-776988  | 20040211 |

IT **672322-68-8P**  
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU  
(Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study);  
PREP (Preparation); USES (Uses)  
(preparation of pyrazolopyrimidines as **cyclin**-dependent kinase  
inhibitors)  
RN 672322-68-8 CAPLUS  
CN Piperidine, 4-[3-bromo-7-[(3-pyridinylmethyl)amino]pyrazolo[1,5-  
a]pyrimidin-5-yl]-1-(cyclopropylcarbonyl)- (9CI) (CA INDEX NAME)



L13 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2004:878151 Document No. 141:366243 Preparation of pyrazolopyrimidines as **cyclin**-dependent kinase inhibitors. Guzi, Timothy J.; Paruch, Kamil; Dwyer, Michael P.; Doll, Ronald J.; Girijavallabhan, Viyyoor M.; Mallams, Alan; Alvarez, Carmen S.; Keertikar, Kartik M.; Rivera, Jocelyn; Chan, Tin-Yau; Madison, Vincent; Fischmann, Thierry O.; Dillard, Lawrence W.; Tran, Vinh D.; He, Zhen Min; James, Ray Anthony; Park, Haengsoon; Paradkar, Vidyadhar M.; Hobbs, Douglas Walsh (Schering Corporation, USA; Pharmacopeia, Inc.). U.S. Pat. Appl. Publ. US 2004209878 A1 20041021, 1044 pp., Cont.-in-part of US Ser. No. 654,546 (English). CODEN: USXXCO. APPLICATION: US 2004-776988 20040211. PRIORITY: US 2002-PV408027 20020904; US 2002-PV421959 20021029; US 2003-654546 20030903.

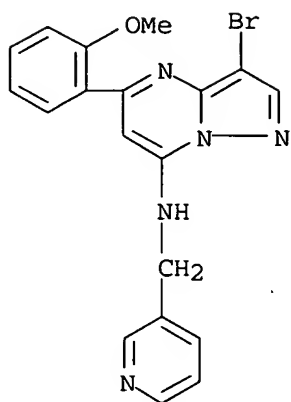
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|    | US 2004209878 | A1   | 20041021 | US 2004-776988  | 20040211 |
|    | US 2004209878 | A1   | 20041021 | US 2004-776988  | 20040211 |

IT **672315-17-2P**

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of pyrazolopyrimidines as **cyclin**-dependent kinase inhibitors)

RN 672315-17-2 CAPLUS

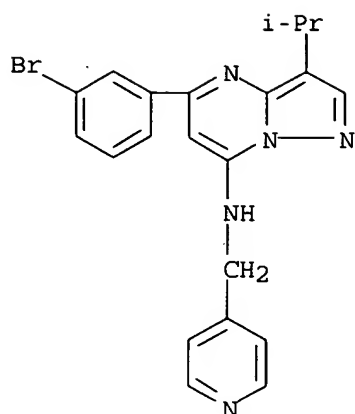
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-bromo-5-(2-methoxyphenyl)-N-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



L13 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2004:857603 Document No. 141:332189 Pyrazolopyrimidine compounds and their use in medicine. Parratt, Martin; Bower, Justin Fairfield; Williamson, Douglas; Cansfield, Andrew (Vernalis Cambridge Limited, UK). PCT Int. Appl. WO 2004087707 A1 20041014, 90 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-GB1214 20040318. PRIORITY: GB 2003-7389 20030331; GB 2003-12296 20030529; GB 2003-19028 20030813; GB 2003-25854 20031105.

|    | PATENT NO.   | KIND   | DATE     | APPLICATION NO.  | DATE     |
|----|--|--------|----------|--|----------|
| PI | WO 2004087707  | A1     | 20041014 | WO 2004-GB1214   | 20040318 |
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|    | RW:  |        |          | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |
| IT | 771499-28-6P   |        |          |  |          |
|    | RL:  |        |          | PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)   |          |
|    |  |        |          | (drug candidate; preparation of aminopyrazolopyrimidines with kinase inhibitory activity)  |          |
| RN | 771499-28-6  | CAPLUS |          |  |          |
| CN | Pyrazolo[1,5-a]pyrimidin-7-amine, 5-(3-bromophenyl)-3-(1-methylethyl)-N-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME) |        |          |  |          |



L13 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2004:740331 Document No. 141:260763 Preparation of pyrazolo[1,5-a]pyrimidines for treating or preventing protein kinase mediated disorders. Kataoka, Kenichiro; Suzuki, Naotaka; Kosugi, Tomomi; Imai, Minoru; Makino, Hiroaki; Takakuwa, Mika; Unoki, Gen; Fujino, Aiko; Oue, Yasuhiro; Yamakoshi, Yuko; Sugiura, Satoshi; Mitchell, Dale Robert; Simpson, Donald James; Harris, Clifford John; Le, Joelle (Teijin Pharma Limited, Japan). PCT Int. Appl. WO 2004076458 A1 20040910, 380 pp. DESIGNATED STATES: W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, NA, NI; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, ML, MR, NE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-JP2522 20040301. PRIORITY: GB 2003-4665 20030228; US 2003-PV500695 20030908; GB 2003-29446 20031219.

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
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| PI WO 2004076458   | A1   | 20040910 | WO 2004-JP2522  | 20040301 |
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| RW:  |      |          |                 |          |
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IT 754204-68-7P

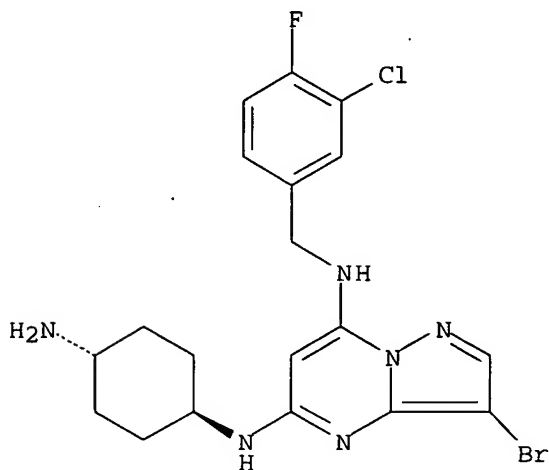
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolo[1,5-a]pyrimidines for treating or preventing protein kinase mediated disorders)

RN 754204-68-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-5,7-diamine, N5-(trans-4-aminocyclohexyl)-3-bromo-N7-[(3-chloro-4-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L13 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2004:220334 Document No. 140:270871 Preparation of pyrazolo[1,5-a]pyrimidines as **cyclin** dependent kinase inhibitors and anticancer agents. Guzi, Timothy J.; Paruch, Kamil; Dwyer, Michael P.; Doll, Ronald J.; Girijavallabhan, Viyyoor Moopil; Dillard, Lawrence W.; Tran, Vinh D.; He, Zhen Min; James, Ray Anthony; Park, Haengsoon (Schering Corporation, USA; Pharmacopeia, Inc.). PCT Int. Appl. WO 2004022559 A1 20040318, 83 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-US27405 20030903. PRIORITY: US 2002-PV408030 20020904.

| PATENT NO.       | KIND | DATE     | APPLICATION NO.  | DATE     |
|------------------|------|----------|--|----------|
| PI WO 2004022559 | A1   | 20040318 | WO 2003-US27405  | 20030903 |
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| US 2004102451    | A1   | 20040527 | US 2003-654157   | 20030903 |
| EP 1534709       | A1   | 20050601 | EP 2003-749317   | 20030903 |
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IT 672315-14-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

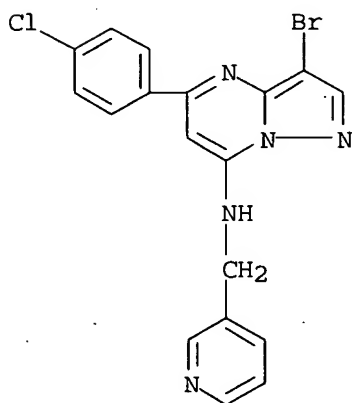


## (Uses)

(preparation of pyrazolo[1,5-a]pyrimidines as **cyclin** dependent kinase inhibitors and anticancer agents for treating diseases, in particular various cancers, associated with **cyclin** dependent kinase)

RN 672315-14-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-bromo-5-(4-chlorophenyl)-N-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



=&gt; d l13 5 chib pi hitstr

L13 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2004:740331 Document No. 141:260763 Preparation of pyrazolo[1,5-a]pyrimidines for treating or preventing protein kinase mediated disorders. Kataoka, Kenichiro; Suzuki, Naotaka; Kosugi, Tomomi; Imai, Minoru; Makino, Hiroaki; Takakuwa, Mika; Unoki, Gen; Fujino, Aiko; Oue, Yasuhiro; Yamakoshi, Yuko; Sugiura, Satoshi; Mitchell, Dale Robert; Simpson, Donald James; Harris, Clifford John; Le, Joelle (Teijin Pharma Limited, Japan). PCT Int. Appl. WO 2004076458 A1 20040910, 380 pp.

DESIGNATED STATES: W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LC, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LJ, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, ML, MR, NE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-JP2522 20040301. PRIORITY: GB 2003-4665 20030228; US 2003-PV500695 20030908; GB 2003-29446 20031219.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
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| PI WO 2004076458  | A1   | 20040910 | WO 2004-JP2522  | 20040301 |
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10/654,546

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,  
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,  
MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG

IT 754204-68-7P 754208-26-9P

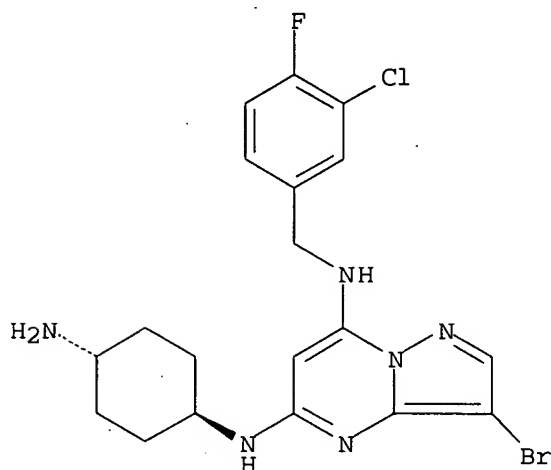
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of pyrazolo[1,5-a]pyrimidines for treating or preventing  
protein kinase mediated disorders)

RN 754204-68-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-5,7-diamine, N5-(trans-4-aminocyclohexyl)-3-  
bromo-N7-[(3-chloro-4-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)

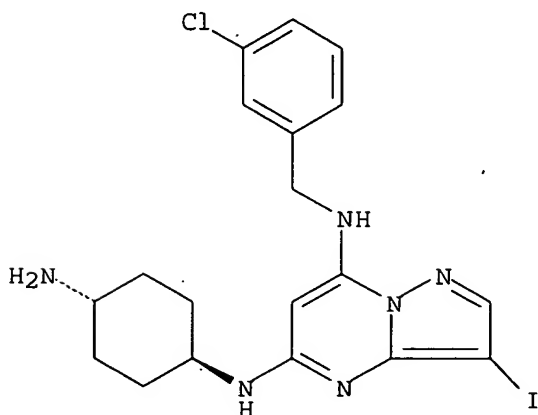
Relative stereochemistry.



RN 754208-26-9 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-5,7-diamine, N5-(trans-4-aminocyclohexyl)-N7-[(3-  
chlorophenyl)methyl]-3-iodo- (9CI) (CA INDEX NAME)

Relative stereochemistry.

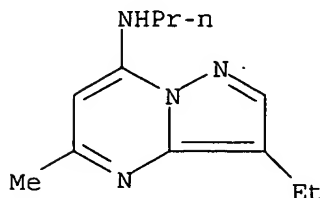


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| PI       | DE 2257547  | A1       | 19730614      | DE 1972-2257547 | 19721123 |
|          | US 3925385  | A        | 19751209      | US 1972-245870  | 19720420 |
|          | AU 7249133  | A1       | 19740523      | AU 1972-49133   | 19721122 |
|          | ZA 7208388  | A        | 19730725      | ZA 1972-8388    | 19721127 |
|          | GB 1412017  | A        | 19751029      | GB 1972-55587   | 19721201 |
|          | SE 398751   | B        | 19780116      | SE 1972-15829   | 19721205 |
|          | SE 398751   | C        | 19780427      |                 |          |
|          | NL 7216539  | A        | 19730613      | NL 1972-16539   | 19721206 |
|          | ES 409341   | A1       | 19761201      | ES 1972-409341  | 19721206 |
|          | NO 137012   | C        | 19771214      | NO 1972-4476    | 19721206 |
|          | CH 603652   | A        | 19780831      | CH 1972-17751   | 19721206 |
|          | DD 104530   | C        | 19740312      | DD 1972-167370  | 19721207 |
|          | AT 7210415  | A        | 19751215      | AT 1972-10415   | 19721207 |
|          | AT 331800   | B        | 19760825      |                 |          |
|          | BE 792533   | A1       | 19730608      | BE 1972-125152  | 19721208 |
|          | FR 2162634  | A1       | 19730720      | FR 1972-43860   | 19721208 |
|          | BR 7208692  | A0       | 19730913      | BR 1972-8692    | 19721208 |
|          | CA 989832   | A1       | 19760525      | CA 1972-158788  | 19721208 |
|          | HU 168530   | P        | 19760528      | HU 1972-IE548   | 19721208 |
|          | JP 48064097 | A2       | 19730905      | JP 1972-123877  | 19721209 |
| RO 62762 | P           | 19780515 | RO 1972-73093 | 19721209        |          |

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

|    |  |       |      |
|----|--|-------|------|
| CN | Pyrazolo[1,5-a]pyrimidin-7-amine, 3-ethyl-5-methyl-N-propyl- | (9CI) | (CA) |
|    | INDEX NAME)  |       |      |



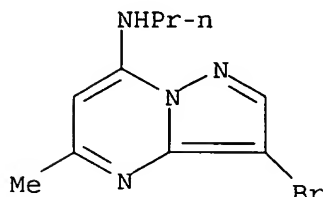
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IT 61098-23-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(preparation and fungicidal activity of)

RN 61098-23-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-bromo-5-methyl-N-propyl- (9CI) (CA INDEX NAME)



L15 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

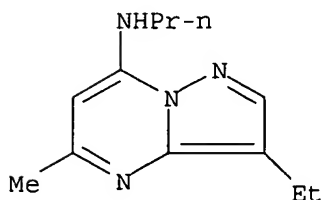
1982:85506 Document No. 96:85506 Synthesis and enzymic activity of 6-carbethoxy- and 6-ethoxy-3,7-disubstituted pyrazolo[1,5-a]pyrimidines and related derivatives as adenosine cyclic 3',5'-phosphate phosphodiesterase inhibitors. Springer, Robert H.; Scholten, M. B.; O'Brien, Darrell E.; Novinson, Thomas; Miller, Jon P.; Robins, Roland K. (Viratek, Inc., Covina, CA, 91722, USA). Journal of Medicinal Chemistry, 25(3), 235-42 (English) 1982. CODEN: JMCMAR. ISSN: 0022-2623.

IT 43024-55-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and phosphodiesterase inhibition activity of)

RN 43024-55-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-ethyl-5-methyl-N-propyl- (9CI) (CA INDEX NAME)



L15 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1986:626617 Document No. 105:226617 Pyrazolo[1,5-a]- and [1,2,4]triazolo[1,5-a]pyrimidine derivatives. Hirai, Kentaro; Tsutsumiuchi, Masami (Shionogi and Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 61057587 A2 19860324 Showa, 41 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1984-181464 19840829.

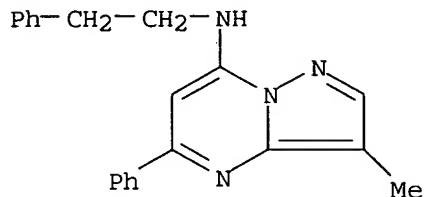
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
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| PI | JP 61057587  | A2   | 19860324 | JP 1984-181464  | 19840829 |
| IT | 104906-25-4P |      |          |                 |          |

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of, as antiulcer agent)

10/654,546

RN 104906-25-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-methyl-5-phenyl-N-(2-phenylethyl)-  
(9CI) (CA INDEX NAME)



L15 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1995:777657 Document No. 123:169666 pyrazolo[1,5-a]pyrimidine derivatives  
and their use as angiotensin antagonists. Ruehler, Gerd; Schotten, Theo;  
Stenzel, Wolfgang; Paal, Michael (Beiersdorf-Lilly GmbH, Germany). Eur.  
Pat. Appl. EP 628559 A1 19941214, 63 pp. DESIGNATED STATES: R: AT, BE,  
CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE. (English).  
CODEN: EPXXDW. APPLICATION: EP 1994-304104 19940607. PRIORITY: EP  
1993-304513 19930610.

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | EP 628559   | A1   | 19941214 | EP 1994-304104  | 19940607 |
|    | EP 628559   | B1   | 20020403 |                 |          |
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|    | US 5571813  | A    | 19961105 | US 1994-254803  | 19940606 |
|    | ES 2174863  | T3   | 20021116 | ES 1994-304104  | 19940607 |
|    | CA 2125458  | AA   | 19941211 | CA 1994-2125458 | 19940608 |
|    | JP 07002860   | A2   | 19950106 | JP 1994-127441  | 19940609 |
|    | US 5602136  | A    | 19970211 | US 1995-451586  | 19950526 |
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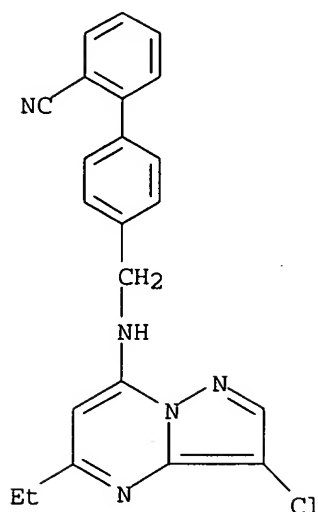
IT 167371-46-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of pyrazolo[1,5-a]pyrimidine derivs. angiotensin antagonists)

RN 167371-46-2 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[[3-chloro-5-ethylpyrazolo[1,5-  
a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)



L15 ANSWER 6 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 1998:42259 Document No. 128:114959 Pyrazolo[1,5-a]pyrimidine derivatives,  
 their preparation, and hair dyes containing them. Terranova, Eric; Fadli,  
 Aziz; Lagrange, Alain (L'Oreal, Fr.; Terranova, Eric; Fadli, Aziz;  
 Lagrange, Alain). PCT Int. Appl. WO 9749378 A1 19971231, 55 pp.  
 DESIGNATED STATES: W: AU, BR, CA, CN, JP, KR, MX, US; RW: AT, BE, CH, DE,  
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (French). CODEN:  
 PIXXD2. APPLICATION: WO 1997-FR1057 19970612. PRIORITY: FR 1996-7776  
 19960621.

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
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| WO 9749378   | A1   | 19971231 | WO 1997-FR1057  | 19970612 |
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| CA 2222265   | C    | 20031021 |                 |          |
| AU 9732672   | A1   | 19980114 | AU 1997-32672   | 19970612 |
| AU 694699  | B2   | 19980723 |                 |          |
| EP 847271  | A1   | 19980617 | EP 1997-928344  | 19970612 |
| EP 847271  | B1   | 20020502 |                 |          |
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| JP 3016599   | B2   | 20000306 | JP 1998-502421  | 19970612 |
| JP 10511428  | T2   | 19981104 |                 |          |
| AT 216871  | E    | 20020515 | AT 1997-928344  | 19970612 |
| ES 2176750   | T3   | 20021201 | ES 1997-928344  | 19970612 |
| US 6099593   | A    | 20000808 | US 1997-981589  | 19971231 |
| JP 2000044827  | A2   | 20000215 | JP 1999-228062  | 19990811 |
| JP 3236276   | B2   | 20011210 |                 |          |

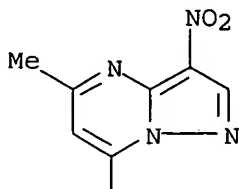
IT 201599-32-8P, 7-[( $\beta$ -Hydroxyethyl)amino]-5-methyl-3-nitropyrzolo[1,5-a]pyrimidine

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation and formulation of pyrazolopyrimidine derivs. as

hair dyes)

RN 201599-32-8 CAPLUS

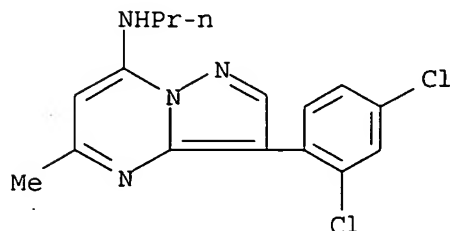
CN Ethanol, 2-[(5-methyl-3-nitropyrrozolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 7 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1997:542450 Document No. 127:220669 Pyrazolopyrimidines as CRF receptor antagonists. Chen, Chen; Webb, Thomas R.; McCarthy, James R.; Moran, Terence J.; Wilcoxon, Keith M. (Janssen Pharmaceutica N.V., Belg.; Neurocrine Biosciences, Inc.). PCT Int. Appl. WO 9729109 A1 19970814, 43 pp. DESIGNATED STATES: W: AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KG, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-EP459 19970130. PRIORITY: US 1996-11279 19960207; US 1996-27688 19961008.

| PATENT NO.    | KIND   | DATE     | APPLICATION NO.  | DATE     |
|---------------|--|----------|------------------|----------|
| PI WO 9729109 | A1   | 19970814 | WO 1997-EP459    | 19970130 |
| W:            | AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KG, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                  |          |
| RW:           | KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG   |          |                  |          |
| CA 2233285    | AA   | 19970814 | CA 1997-2233285  | 19970130 |
| AU 9715991    | A1   | 19970828 | AU 1997-15991    | 19970130 |
| AU 713673     | B2   | 19991209 |                  |          |
| EP 880523     | A1   | 19981202 | EP 1997-902295   | 19970130 |
| R:            | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI   |          |                  |          |
| CN 1205009    | A  | 19990113 | CN 1997-191382   | 19970130 |
| CN 1090189    | B  | 20020904 |                  |          |
| BR 9707391    | A  | 19990720 | BR 1997-7391     | 19970130 |
| NZ 330119     | A  | 20000228 | NZ 1997-330119   | 19970130 |
| JP 2000503661 | T2   | 20000328 | JP 1997-528123   | 19970130 |
| JP 3356291    | B2   | 20021216 |                  |          |
| JP 2002121194 | A2   | 20020423 | JP 2001-265611   | 19970130 |
| EE 4282       | B1   | 20040415 | EE 1998-124      | 19970130 |
| TW 449599     | B  | 20010811 | TW 1997-86101373 | 19970205 |
| ZA 9700989    | A  | 19980806 | ZA 1997-989      | 19970206 |
| NO 9801357    | A  | 19980803 | NO 1998-1357     | 19980325 |
| NO 310292     | B1   | 20010618 |                  |          |
| US 2003125341 | A1   | 20030703 | US 1999-117717   | 19990302 |
| US 6664261    | B2   | 20031216 |                  |          |

US 2004127483 A1 20040701 US 2003-665740 20030919  
 IT **195054-42-3P**  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of aminopyrazolopyrimidines as CRF receptor antagonists)  
 RN 195054-42-3 CAPLUS  
 CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-5-methyl-N-propyl-  
 (9CI) (CA INDEX NAME)



L15 ANSWER 8 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 1998:804150 Document No. 130:57002 Keratin fiber oxidation dyeing  
 composition containing an oxidoreductase enzyme. Maubru, Mireille  
 (L'oreal, Fr.). PCT Int. Appl. WO 9855083 A1 19981210, 46 pp. DESIGNATED  
 STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,  
 DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP,  
 KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,  
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN,  
 YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG,  
 CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR,  
 NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO  
 1998-FR913 19980506. PRIORITY: FR 1997-6802 19970603.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9855083  | A1   | 19981210 | WO 1998-FR913   | 19980506 |
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| FR 2763841  | A1   | 19981204 | FR 1997-6802    | 19970603 |
| FR 2763841  | B1   | 20000211 |                 |          |
| CA 2290681  | AA   | 19981210 | CA 1998-2290681 | 19980506 |
| AU 9876604  | A1   | 19981221 | AU 1998-76604   | 19980506 |
| AU 730767   | B2   | 20010315 |                 |          |
| EP 988021   | A1   | 20000329 | EP 1998-924391  | 19980506 |
| EP 988021   | B1   | 20031112 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI  |      |          |                 |          |
| JP 2000513748   | T2   | 20001017 | JP 1999-501693  | 19980506 |
| RU 2187297  | C2   | 20020820 | RU 2000-100367  | 19980506 |
| AT 253887   | E    | 20031115 | AT 1998-924391  | 19980506 |
| ES 2212299  | T3   | 20040716 | ES 1998-924391  | 19980506 |
| MX 9910758  | A    | 20000430 | MX 1999-10758   | 19991122 |



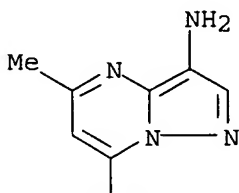
IT 201599-22-6, 3-Amino-7- $\beta$ -hydroxyethylamino-5-methylpyrazolo[1,5-a]pyrimidine

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(keratin fiber oxidation dyeing composition containing oxidoreductase enzyme)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]- (9CI)  
(CA INDEX NAME)



HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2005 ACS on STM

1998:163594 Document No. 128:204902 Preparation of heterobicyclic derivatives as CRF antagonists. Chen, Yuhpyng Liang (Pfizer Inc., USA; Chen, Yuhpyng Liang). PCT Int. Appl. WO 9808847 A1 19980305, 62 pp.  
DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-IB922 19970725.  
PRIORITY: US 1996-25039 19960828.

| PATENT NO.    | KIND   | DATE     | APPLICATION NO. | DATE     |
|---------------|--|----------|-----------------|----------|
| PI WO 9808847 | A1   | 19980305 | WO 1997-IB922   | 19970725 |
| W:            | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
| RW:           | GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG   |          |                 |          |
| AU 9734561    | A1   | 19980319 | AU 1997-34561   | 19970725 |
| AU 735401     | B2   | 20010705 |                 |          |
| EP 923582     | A1   | 19990623 | EP 1997-930697  | 19970725 |
| R:            | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO   |          |                 |          |
| BR 9711970    | A  | 19990824 | BR 1997-11970   | 19970725 |
| CN 1227554    | A  | 19990901 | CN 1997-197027  | 19970725 |
| JP 2000502723 | T2   | 20000307 | JP 1998-511429  | 19970725 |
| JP 3621706    | B2   | 20050216 |                 |          |
| TR 9900389    | T2   | 20000621 | TR 1999-9900389 | 19970725 |
| NZ 333302     | A  | 20000825 | NZ 1997-333302  | 19970725 |
| CA 2263566    | C  | 20030909 | CA 1997-2263566 | 19970725 |
| CA 2263566    | AA   | 19980305 |                 |          |
| HR 970454     | B1   | 20021031 | HR 1997-970454  | 19970822 |

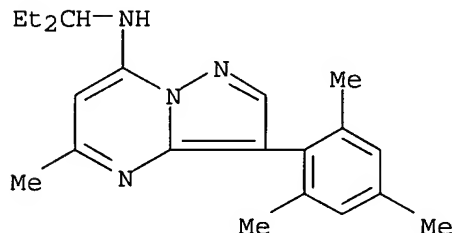
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| TW 575573     | B  | 20040211 | TW 1997-86112194 | 19970825 |
| ZA 9707687    | A  | 19990301 | ZA 1997-7687     | 19970827 |
| NO 9900927    | A  | 19990226 | NO 1999-927      | 19990226 |
| NO 313636     | B1 | 20021104 |                  |          |
| KR 2000035934 | A  | 20000626 | KR 1999-701674   | 19990227 |
| US 2001007867 | A1 | 20010712 | US 1999-242682   | 19991213 |
| US 2002151713 | A1 | 20021017 | US 2002-160206   | 20020530 |
| US 6900217    | B2 | 20050531 |                  |          |
| US 2005009823 | A1 | 20050113 | US 2004-762742   | 20040122 |
| JP 2005047930 | A2 | 20050224 | JP 2004-273978   | 20040921 |

IT 203924-41-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of heterobicyclic derivs. as CRF antagonists)

RN 203924-41-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-(1-ethylpropyl)-5-methyl-3-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



L15 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1999:819214 Document No. 132:54589 Oxidative hair dye composition containing a pyrazolo[1,5-a]pyrimidine as oxidation base and a pyridine coupling agent. Audousset, Marie-pascale (L'oreal, Fr.). PCT Int. Appl. WO 9966894 A1 19991229, 27 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO 1999-FR1294 19990602. PRIORITY: FR 1998-7797 19980619.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9966894  | A1   | 19991229 | WO 1999-FR1294  | 19990602 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM<br>RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |      |          |                 |          |
| FR 2779952  | A1   | 19991224 | FR 1998-7797    | 19980619 |
| FR 2779952  | B1   | 20000804 |                 |          |
| CA 2301076  | AA   | 19991229 | CA 1999-2301076 | 19990602 |

|   |    |          |                |          |
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| AU 9940444  | A1 | 20000110 | AU 1999-40444  | 19990602 |
| EP 1030648  | A1 | 20000830 | EP 1999-923653 | 19990602 |
| EP 1030648  | B1 | 20031203 |                |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |    |          |                |          |
| JP 2002518610   | T2 | 20020625 | JP 2000-555580 | 19990602 |
| RU 2193390  | C2 | 20021127 | RU 2000-106525 | 19990602 |
| AT 255401   | E  | 20031215 | AT 1999-923653 | 19990602 |
| PT 1030648  | T  | 20040430 | PT 1999-923653 | 19990602 |
| ES 2212559  | T3 | 20040716 | ES 1999-923653 | 19990602 |
| US 6692540  | B1 | 20040217 | US 2000-485914 | 20000426 |

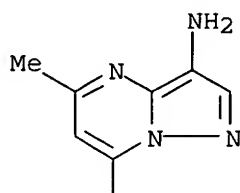
IT 201599-22-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidative hair dye composition containing pyrazolopyrimidine as oxidation base and pyridine coupling agent)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)

HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1999:819213 Document No. 132:54588 Oxidative hair dye composition containing a pyrazolopyrimidine and a naphthalene coupling agent. Audousset, Marie-pascale (L'oreal, Fr.). PCT Int. Appl. WO 9966893 A1 19991229, 23 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO 1999-FR1293 19990602. PRIORITY: FR 1998-7796 19980619.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI WO 9966893   | A1   | 19991229 | WO 1999-FR1293  | 19990602 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
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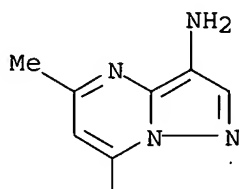
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| FR 2779951  | B1 | 20040521 |                 |          |
| CA 2301078  | AA | 19991229 | CA 1999-2301078 | 19990602 |
| AU 9940443  | A1 | 20000110 | AU 1999-40443   | 19990602 |
| EP 1030647  | A1 | 20000830 | EP 1999-923652  | 19990602 |
| EP 1030647  | B1 | 20031203 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |    |          |                 |          |
| BR 9908789  | A  | 20001017 | BR 1999-8789    | 19990602 |
| JP 2002518427   | T2 | 20020625 | JP 2000-555579  | 19990602 |
| RU 2190997  | C2 | 20021020 | RU 2000-106549  | 19990602 |
| AT 255400   | E  | 20031215 | AT 1999-923652  | 19990602 |

IT 201599-22-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidative hair dye composition containing pyrazolopyrimidine and naphthalene coupling agent)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 12 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1999:819212 Document No. 132:69072 Oxidation hair dyeing composition containing pyrazolopyrimidines and aminopropanol derivatives. Audousset, Marie-pascale (L'oreal, Fr.). PCT Int. Appl. WO 9966892 A1 19991229, 29 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO 1999-FR1292 19990602. PRIORITY: FR 1998-7795 19980619.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI WO 9966892   | A1   | 19991229 | WO 1999-FR1292  | 19990602 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
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| FR 2779950  | A1   | 19991224 | FR 1998-7795    | 19980619 |

|            |    |          |                 |          |
|------------|----|----------|-----------------|----------|
| FR 2779950 | B1 | 20040521 |                 |          |
| CA 2301079 | AA | 19991229 | CA 1999-2301079 | 19990602 |
| AU 9940442 | A1 | 20000110 | AU 1999-40442   | 19990602 |
| EP 1030646 | A1 | 20000830 | EP 1999-923651  | 19990602 |
| EP 1030646 | B1 | 20040428 |                 |          |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

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| BR 9907043    | A  | 20001003 | BR 1999-7043   | 19990602 |
| JP 2002518426 | T2 | 20020625 | JP 2000-555578 | 19990602 |
| RU 2198650    | C2 | 20030220 | RU 2000-106531 | 19990602 |
| AT 265201     | E  | 20040515 | AT 1999-923651 | 19990602 |
| ES 2221383    | T3 | 20041216 | ES 1999-923651 | 19990602 |

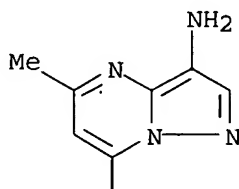
IT 201599-22-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidation hair dyeing composition containing pyrazolopyrimidines and aminopropanol derivs.)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI) (CA INDEX NAME)

HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1999:819211 Document No. 132:69071 Oxidation hair dyeing composition containing pyrazolopyrimidines and paraphenylenediamines. Audousset, Marie-Pascale (L'oreal, Fr.). PCT Int. Appl. WO 9966891 A1 19991229, 27 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO 1999-FR1291 19990602. PRIORITY: FR 1998-7794 19980619.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9966891  | A1   | 19991229 | WO 1999-FR1291  | 19990602 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM<br>RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |      |          |                 |          |

|   |    |          |                 |          |
|---|----|----------|-----------------|----------|
| FR 2779949  | A1 | 19991224 | FR 1998-7794    | 19980619 |
| FR 2779949  | B1 | 20040521 |                 |          |
| CA 2301101  | AA | 19991229 | CA 1999-2301101 | 19990602 |
| AU 9940441  | A1 | 20000110 | AU 1999-40441   | 19990602 |
| EP 1030645  | A1 | 20000830 | EP 1999-923650  | 19990602 |
| EP 1030645  | B1 | 20040512 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |    |          |                 |          |
| BR 9907042  | A  | 20001003 | BR 1999-7042    | 19990602 |
| JP 2002518425   | T2 | 20020625 | JP 2000-555577  | 19990602 |
| RU 2185810  | C2 | 20020727 | RU 2000-106550  | 19990602 |
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| ES 2221745  | T3 | 20050101 | ES 1999-923650  | 19990602 |

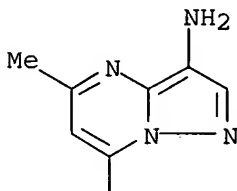
IT 201599-22-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidation hair dyeing composition containing pyrazolopyrimidines and paraphenylenediamines)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)

HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1999:818988 Document No. 132:54586 Oxidative hair dye composition containing 1,8-bis-(2,5-diaminophenoxy)-3,5-dioxaoctane, an additional oxidation, base and a coupler. Audousset, Marie-pascale (L'Oreal, Fr.). Eur. Pat. Appl. EP 966951 A1 19991229, 12 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 1999-401356 19990604. PRIORITY: FR 1998-7793 19980619.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
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| EP 966951   | A1   | 19991229 | EP 1999-401356  | 19990604 |
| EP 966951   | B1   | 20011024 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
| FR 2779948  | A1   | 19991224 | FR 1998-7793    | 19980619 |
| FR 2779948  | B1   | 20040423 |                 |          |
| ES 2166634  | T3   | 20020416 | ES 1999-401356  | 19990604 |

IT 201599-22-6

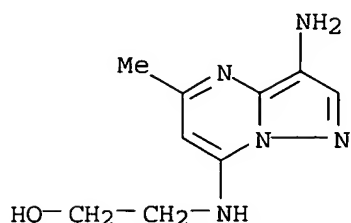
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidative hair dye composition containing aminophenoxydioxaoctane, oxidation base, and coupler)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)

(CA INDEX NAME)



L15 ANSWER 15 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1999:626015 Document No. 131:262496 Oxidative hair dyes composition containing a 3-aminopyridine azo derivatives. Lang, Gerard; Cotteret, Jean; Maubru, Mireille (L'Oreal, Fr.). PCT Int. Appl. WO 9948465 A1 19990930, 37 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO 1999-FR541 19990311. PRIORITY: FR 1998-3454 19980320.

| PATENT NO.    | KIND | DATE     | APPLICATION NO.  | DATE     |
|---------------|------|----------|--|----------|
| PI WO 9948465 | A1   | 19990930 | WO 1999-FR541  | 19990311 |
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| RW:           |      |          | GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |          |
| FR 2776186    | A1   | 19990924 | FR 1998-3454   | 19980320 |
| FR 2776186    | B1   | 20010126 |  |          |
| CA 2287978    | AA   | 19990930 | CA 1999-2287978  | 19990311 |
| AU 9927332    | A1   | 19991018 | AU 1999-27332  | 19990311 |
| AU 730565     | B2   | 20010308 |  |          |
| EP 994692     | A1   | 20000426 | EP 1999-907684   | 19990311 |
| EP 994692     | B1   | 20030423 |  |          |
| R:            |      |          | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI   |          |
| BR 9904854    | A    | 20000718 | BR 1999-4854   | 19990311 |
| JP 2000513753 | T2   | 20001017 | JP 1999-547835   | 19990311 |
| RU 2186560    | C2   | 20020810 | RU 1999-127338   | 19990311 |
| AT 238027     | E    | 20030515 | AT 1999-907684   | 19990311 |
| MX 9910324    | A    | 20000430 | MX 1999-10324  | 19991110 |
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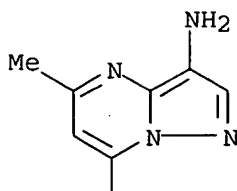
IT 201599-22-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidative hair dyes composition containing aminopyridine azo derivs.)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)



HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 16 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

1999:468547 Document No. 131:120594 Oxidative hair dye compositions containing a laccase and heterocyclic amines. Lang, Gerard; Cotteret, Jean (L'Oreal, Fr.). PCT Int. Appl. WO 9936039 A1 19990722, 35 pp.  
DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2.  
APPLICATION: WO 1998-FR2831 19981222. PRIORITY: FR 1998-258 19980113.  
PATENT NO. KIND DATE APPLICATION NO. DATE

|    |               |  |          |                 |          |
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| PI | WO 9936039    | A1   | 19990722 | WO 1998-FR2831  | 19981222 |
|    | W:            | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
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|    | FR 2773481    | A1   | 19990716 | FR 1998-258     | 19980113 |
|    | FR 2773481    | B1   | 20010420 |                 |          |
|    | CA 2318322    | AA   | 19990722 | CA 1998-2318322 | 19981222 |
|    | AU 9918813    | A1   | 19990802 | AU 1999-18813   | 19981222 |
|    | AU 740501     | B2   | 20011108 |                 |          |
|    | BR 9814800    | A  | 20001017 | BR 1998-14800   | 19981222 |
|    | EP 1047381    | A1   | 20001102 | EP 1998-963596  | 19981222 |
|    | R:            | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI   |          |                 |          |
|    | JP 2002509091 | T2   | 20020326 | JP 2000-539815  | 19981222 |
|    | RU 2200539    | C2   | 20030320 | RU 2000-121065  | 19981222 |
|    | US 6893470    | B1   | 20050517 | US 2000-600128  | 19981222 |
|    | JP 2005053934 | A2   | 20050303 | JP 2004-333810  | 20041118 |

IT 201599-22-6

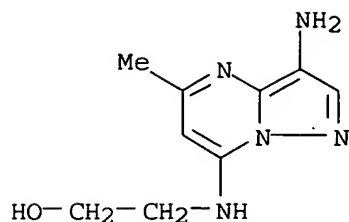
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidative hair dye compns. containing laccase and heterocyclic amines)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)





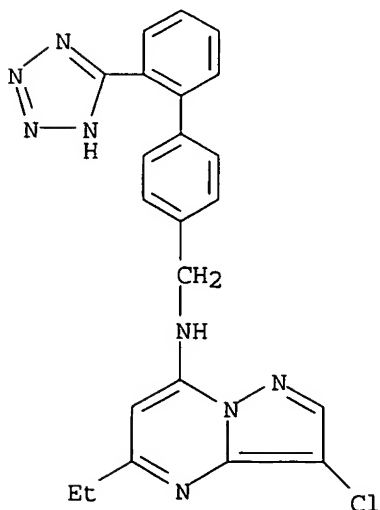
L15 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 1999:467208 Document No. 131:237490 Synthesis and structure-activity relationship of a new series of potent angiotensin II receptor antagonists: pyrazolo[1,5-a]pyrimidine derivatives. Shiota, Takeshi; Yamamori, Teruo; Sakai, Katsunori; Kiyokawa, Mitsugu; Honma, Tsunetoshi; Ogawa, Masayoshi; Hayashi, Kunio; Ishizuka, Natsuki; Matsumura, Ken-Ichi; Hara, Mariko; Fujimoto, Masafumi; Kawabata, Tomoji; Nakajima, Shigeyuki (Shionogi Research Laboratories, Shionogi and Co., Ltd., Osaka, 553-0002, Japan). Chemical & Pharmaceutical Bulletin, 47(7), 928-938 (English) 1999. CODEN: CPBTAL. ISSN: 0009-2363. Publisher: Pharmaceutical Society of Japan.

IT 167371-47-3P

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)  
 (synthesis and structure-activity relationship of pyrazolo[1,5-a]pyrimidines as angiotensin II receptor antagonists)

RN 167371-47-3 CAPLUS

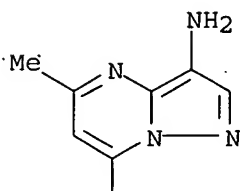
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-chloro-5-ethyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



L15 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 2000:705037 Document No. 133:271377 Oxidative hair dye compositions

containing oxidants and coupling agents. Audousset, Marie-pascale (L'oreal, Fr.). Eur. Pat. Appl. EP 1040818 A1 20001004, 19 pp.  
 DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW.  
 APPLICATION: EP 2000-400545 20000229. PRIORITY: FR 1999-3890 19990329.  
 PATENT NO. KIND DATE APPLICATION NO. DATE

|    |  |    |          |                 |          |
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| PI | EP 1040818   | A1 | 20001004 | EP 2000-400545  | 20000229 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO    |    |          |                 |          |
|    | FR 2791563   | A1 | 20001006 | FR 1999-3890    | 19990329 |
|    | CA 2301251   | AA | 20000929 | CA 2000-2301251 | 20000320 |
|    | JP 2000309517  | A2 | 20001107 | JP 2000-89894   | 20000328 |
| IT | <b>201599-22-6</b>   |    |          |                 |          |
|    | RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)                 |    |          |                 |          |
|    | (oxidative hair dye compns. containing oxidants and coupling agents)                         |    |          |                 |          |
| RN | 201599-22-6 CAPLUS   |    |          |                 |          |
| CN | Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)<br>(CA INDEX NAME) |    |          |                 |          |

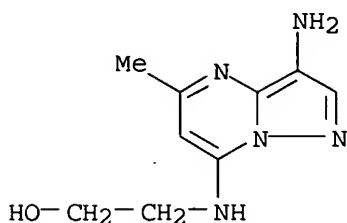


HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 19 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 2000:705036 Document No. 133:271376 Hair dyeing composition comprising a pyrazolo(1,5-a)pyrimidine and a monocyclic polyaminopyrimidine as oxidation bases and a coupling agent. Audousset, Marie-pascale (L'oreal, Fr.). Eur. Pat. Appl. EP 1040817 A1 20001004, 10 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-400544 20000229. PRIORITY: FR 1999-3889 19990329.

|    |  |       |          |                 |          |
|----|--|-------|----------|-----------------|----------|
|    | PATENT NO.   | KIND  | DATE     | APPLICATION NO. | DATE     |
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| PI | EP 1040817   | A1    | 20001004 | EP 2000-400544  | 20000229 |
|    | EP 1040817   | B1    | 20050202 |                 |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO  |       |          |                 |          |
|    | FR 2791562   | A1    | 20001006 | FR 1999-3889    | 19990329 |
|    | FR 2791562   | B1    | 20040305 |                 |          |
|    | AT 288252  | E     | 20050215 | AT 2000-400544  | 20000229 |
|    | CA 2301250   | AA    | 20000929 | CA 2000-2301250 | 20000320 |
|    | JP 2000309516  | A2    | 20001107 | JP 2000-89893   | 20000328 |
| IT | <b>201599-22-6</b>   |       |          |                 |          |
|    | RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)   |       |          |                 |          |
|    | (hair dyeing composition comprising pyrazolopyrimidine and monocyclic polyaminopyrimidine as oxidation bases and coupling agent) |       |          |                 |          |
| RN | 201599-22-6 CAPLUS   |       |          |                 |          |
| CN | Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  |       |          |                 |          |

(CA INDEX NAME)



L15 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 2000:513700 Document No. 133:136754 Novel cationic oxidation bases with a pyrazolo[1,5-a]pyrimidine structure, their use for oxidation dyeing of keratin fibers, dyeing compositions et dyeing methods. Terranova, Eric; Fadli, Aziz; Lagrange, Alain (L'oreal, Fr.). PCT Int. Appl. WO 2000043396 A1 20000727, 52 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (French). CODEN: PIXXD2. APPLICATION: WO 2000-FR73 20000114. PRIORITY: FR 1999-503 19990119.

| PATENT NO.       | KIND | DATE     | APPLICATION NO.  | DATE     |
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| FR 2788522       | A1   | 20000721 | FR 1999-503  | 19990119 |
| FR 2788522       | B1   | 20010216 |  |          |
| CA 2359089       | AA   | 20000727 | CA 2000-2359089  | 20000114 |
| EP 1147109       | A1   | 20011024 | EP 2000-900581   | 20000114 |
| EP 1147109       | B1   | 20030402 |  |          |
| R:               |      |          | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO   |          |
| JP 2002535333    | T2   | 20021022 | JP 2000-594812   | 20000114 |
| JP 3643878       | B2   | 20050427 |  |          |
| AT 236168        | E    | 20030415 | AT 2000-900581   | 20000114 |
| ES 2195852       | T3   | 20031216 | ES 2000-900581   | 20000114 |
| US 6783557       | B1   | 20040831 | US 2001-889503   | 20011022 |

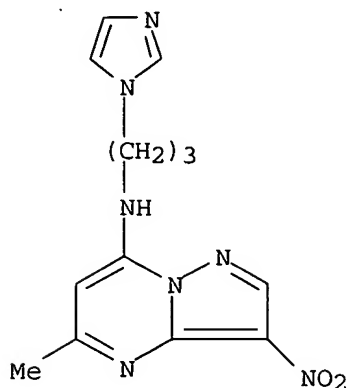
IT 286373-85-1P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(quaternary ammonium base precursor; quaternary ammonium oxidation bases with a pyrazolo[1,5-a]pyrimidine structure as precursors for oxidation dyeing of hair)

RN 286373-85-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-[3-(1H-imidazol-1-yl)propyl]-5-methyl-3-nitro- (9CI) (CA INDEX NAME)



L15 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2000:314347 Document No. 132:339027 Hair dye compositions containing a cationic and an oxidative dye based on pyrazolo-(1,5-a)pyrimidines. Audousset, Marie-Pascale (L'Oreal, Fr.). Eur. Pat. Appl. EP 998908 A2 20000510, 96 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 1999-402549 19991015. PRIORITY: FR 1998-13866 19981104.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| EP 998908   | A2   | 20000510 | EP 1999-402549  | 19991015 |
| EP 998908   | A3   | 20000607 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
| FR 2785183  | A1   | 20000505 | FR 1998-13866   | 19981104 |
| FR 2785183  | B1   | 20020405 |                 |          |
| AU 9956006  | A1   | 20000525 | AU 1999-56006   | 19991021 |
| AU 730455   | B2   | 20010308 |                 |          |
| MX 9910062  | A    | 20000930 | MX 1999-10062   | 19991101 |
| CN 1252988  | A    | 20000517 | CN 1999-123668  | 19991103 |
| KR 2000035201   | A    | 20000626 | KR 1999-48337   | 19991103 |
| RU 2185811  | C2   | 20020727 | RU 1999-123528  | 19991103 |
| JP 2000178147   | A2   | 20000627 | JP 1999-314015  | 19991104 |
| BR 9907313  | A    | 20001219 | BR 1999-7313    | 19991104 |

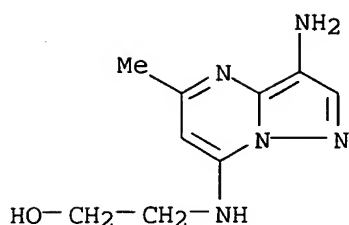
IT 201599-22-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(hair compns. containing cationic and oxidative dyes based on pyrazolopyrimidines)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI) (CA INDEX NAME)



L15 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2001:796238 Document No. 135:339292 Combinations of corticotropin releasing factor antagonists and growth hormone secretagogues. Fossa, Anthony A. (Pfizer Products Inc., USA). Eur. Pat. Appl. EP 1149583 A2 20011031, 58 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (English). CODEN: EPXXDW. APPLICATION: EP 2001-303033 20010330. PRIORITY: US 2000-PV196698 20000413.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| EP 1149583  | A2   | 20011031 | EP 2001-303033  | 20010330 |
| EP 1149583  | A3   | 20011114 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
| BR 2001001456   | A    | 20011204 | BR 2001-1456    | 20010411 |
| CA 2344089  | AA   | 20011013 | CA 2001-2344089 | 20010412 |
| US 2001041673   | A1   | 20011115 | US 2001-834477  | 20010413 |

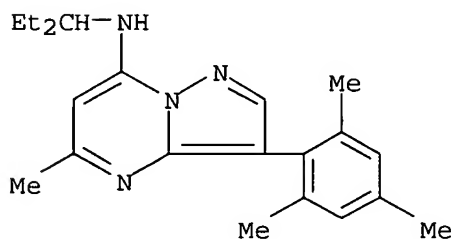
IT 203924-41-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combinations of corticotropin releasing factor antagonists and growth hormone secretagogues)

RN 203924-41-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-(1-ethylpropyl)-5-methyl-3-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



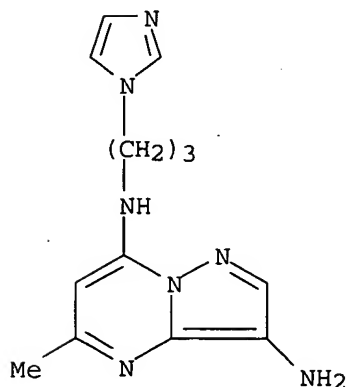
L15 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2001:635863 Document No. 135:200158 Oxidative hair dye for keratinous fibers comprising a N-(2-hydroxybenzene)carbamate or a N-(2-hydroxybenzene)urea and a pyrazolopyridine. Pastore, Florent; Kravtchenko, Sylvain (L'oreal, Fr.). PCT Int. Appl. WO 2001062220 A1 20010830, 79 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,

MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (French). CODEN: PIXXD2. APPLICATION: WO 2001-FR502 20010221.

PRIORITY: FR 2000-2336 20000223.

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO.  | DATE     |  |
|----|--|------|----------|--|----------|--|
| PI | WO 2001062220  | A1   | 20010830 | WO 2001-FR502  | 20010221 |  |
|    | W:   |      |          | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |  |
|    | RW:  |      |          | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |          |  |
|    | FR 2805160   | A1   | 20010824 | FR 2000-2336   | 20000223 |  |
|    | FR 2805160   | B1   | 20020405 |  |          |  |
|    | EP 1175198   | A1   | 20020130 | EP 2001-907859   | 20010221 |  |
|    | R:   |      |          | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO   |          |  |
|    | JP 2003523376  | T2   | 20030805 | JP 2001-561287   | 20010221 |  |
|    | US 2002178512  | A1   | 20021205 | US 2002-959247   | 20020329 |  |
| IT | <b>267407-85-2</b>   |      |          |  |          |  |
|    | RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)   |      |          |  |          |  |
|    | (oxidative hair dye for keratinous fibers comprising hydroxybenzene carbamate or hydroxybenzene urea and pyrazolopyridine) |      |          |  |          |  |
| RN | 267407-85-2 CAPLUS   |      |          |  |          |  |
| CN | Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-methyl- (9CI) (CA INDEX NAME).                    |      |          |  |          |  |



L15 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 2001:338070 Document No. 134:336224 Use of corticotropin releasing factor (CRF) antagonists for treating syndrome X. Chen, Yuhpyng Liang; Hamanaka, Ernest Seiichi (Pfizer Products Inc., USA). Eur. Pat. Appl. EP 1097709 A2 20010509, 55 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (English).  
 CODEN: EPXXDW. APPLICATION: EP 2000-309441 20001026. PRIORITY: US

1999-PV162340 19991029.

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | EP 1097709  | A2   | 20010509 | EP 2000-309441  | 20001026 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
|    | AU 776724   | B2   | 20040916 | AU 2000-66695   | 20001024 |
|    | ZA 2000006008   | A    | 20020426 | ZA 2000-6008    | 20001026 |
|    | US 6589947  | B1   | 20030708 | US 2000-696822  | 20001026 |
|    | CA 2325069  | AA   | 20010429 | CA 2000-2325069 | 20001027 |
|    | NZ 507825   | A    | 20041126 | NZ 2000-507825  | 20001027 |

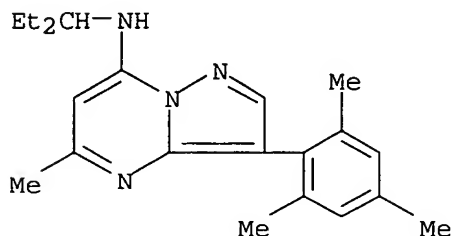
IT 203924-41-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(CRF antagonist, alone or with glucocorticoid receptor antagonist, for treating syndrome X)

RN 203924-41-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-(1-ethylpropyl)-5-methyl-3-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



L15 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2001:297445 Document No. 134:315859 Oxidative dyeing compositions for keratinic fibers comprising heterocyclic oxidants. Pastore, Florent; Lagrange, Alain (L'Oreal, Fr.). Eur. Pat. Appl. EP 1093788 A1 20010425, 13 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-402778 20001009. PRIORITY: FR 1999-13148 19991021.

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | EP 1093788  | A1   | 20010425 | EP 2000-402778  | 20001009 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
|    | FR 2799961  | A1   | 20010427 | FR 1999-13148   | 19991021 |
|    | FR 2799961  | B1   | 20020719 |                 |          |
|    | US 6752839  | B1   | 20040622 | US 2000-692715  | 20001020 |
|    | JP 2001158723   | A2   | 20010612 | JP 2000-323389  | 20001023 |

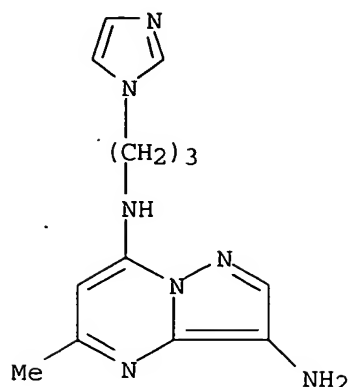
IT 267407-85-2

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oxidative dyeing compns. for keratinic fibers comprising heterocyclic oxidants)

RN 267407-85-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-methyl- (9CI) (CA INDEX NAME)



L15 ANSWER 26 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2001:185043 Document No. 134:217215 Use of CRF antagonists and related compositions for modifying circadian rhythm and treatment of depression and other conditions. Chen, Yuhpyng Liang (Pfizer Products Inc., USA). Eur. Pat. Appl. EP 1082960 A2 20010314, 29 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (English). CODEN: EPXXDW. APPLICATION: EP 2000-307074 20000818. PRIORITY: US 1999-PV151183 19990827.

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | EP 1082960  | A2   | 20010314 | EP 2000-307074  | 20000818 |
|    | EP 1082960  | A3   | 20020320 |                 |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
|    | US 6432989  | B1   | 20020813 | US 2000-587007  | 20000605 |
|    | EP 1449532  | A1   | 20040825 | EP 2004-12293   | 20000818 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY             |      |          |                 |          |
|    | JP 2001097889   | A2   | 20010410 | JP 2000-251836  | 20000823 |
|    | ZA 2000004362   | A    | 20020225 | ZA 2000-4362    | 20000824 |
|    | CA 2316662  | AA   | 20010227 | CA 2000-2316662 | 20000825 |
|    | NZ 506562   | A    | 20020927 | NZ 2000-506562  | 20000825 |
|    | AU 776077   | B2   | 20040826 | AU 2000-53644   | 20000825 |
|    | US 2002156089   | A1   | 20021024 | US 2002-161816  | 20020604 |
|    | US 2004082597   | A1   | 20040429 | US 2003-676201  | 20031001 |

IT 203924-41-8

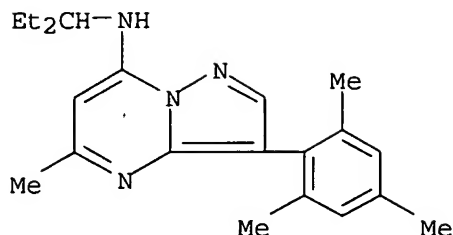
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(CRF antagonists and related compns. for modifying circadian rhythm and treatment of depression and other conditions, and use with other agents)

RN 203924-41-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-(1-ethylpropyl)-5-methyl-3-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)





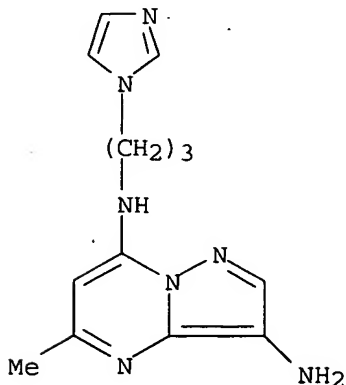
L15 ANSWER 27 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 2001:45919 Document No. 134:105614 Hair dyeing composition containing  
 1-acetoxy naphthalene, two oxidation bases and a coupling agent.  
 Audousset, Marie-Pascale (L'oreal, Fr.). Eur. Pat. Appl. EP 1068860 A1  
 20010117, 21 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB,  
 GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN:  
 EPXXDW. APPLICATION: EP 2000-401884 20000630. PRIORITY: FR 1999-9011  
 19990712.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI EP 1068860   | A1   | 20010117 | EP 2000-401884  | 20000630 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
| FR 2796275  | A1   | 20010119 | FR 1999-9011    | 19990712 |
| FR 2796275  | B1   | 20041015 |                 |          |
| JP 2001055316   | A2   | 20010227 | JP 2000-211649  | 20000712 |

IT **267407-85-2**  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
 (Uses)  
 (hair dyeing composition containing 1-acetoxy naphthalene, two oxidation  
 bases and  
 coupling agent)

RN 267407-85-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-  
 methyl- (9CI) (CA INDEX NAME)



L15 ANSWER 28 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 2002:426624 Document No. 137:10702 Hair dyeing compositions containing  
 dihydroxy aromatic compound and manganese or zinc salts. Pruche, Francis

(L'Oreal, Fr.). Eur. Pat. Appl. EP 1210931 A1 20020605, 22 pp.  
 DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL,  
 SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR. (French). CODEN:  
 EPXXDW. APPLICATION: EP 2001-403101 20011203. PRIORITY: FR 2000-15695  
 20001204.

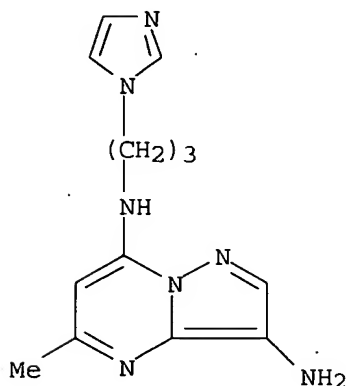
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | EP 1210931  | A1   | 20020605 | EP 2001-403101  | 20011203 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR |      |          |                 |          |
|    | FR 2817469  | A1   | 20020607 | FR 2000-15695   | 20001204 |
|    | FR 2817469  | B1   | 20030418 |                 |          |
|    | CA 2391280  | AA   | 20020604 | CA 2001-2391280 | 20011204 |
|    | JP 2002255767   | A2   | 20020911 | JP 2001-370743  | 20011204 |
|    | US 2002124330   | A1   | 20020912 | US 2001-222     | 20011204 |
|    | US 6723136  | B2   | 20040420 |                 |          |

IT **267407-85-2**

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
 (hair dyeing compns. containing dihydroxy aromatic compound and manganese or zinc salts)

RN 267407-85-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-methyl- (9CI) (CA INDEX NAME)



L15 ANSWER 29 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2002:408993 Document No. 136:406574 Hair dye compositions containing 1,8-bis(2,5-diaminophenoxy)-3,6-dioxaoctane and an additional oxidation base and a coupler. Audousset, Marie-pascale (L'oreal S.A., Fr.). U.S. Pat. Appl. Publ. US 2002062529 A1 20020530, 11 pp., Cont.-in-part of U. S. Ser. No. 335,742. (English). CODEN: USXXCO. APPLICATION: US 2001-829433 20010410. PRIORITY: FR 1998-7793 19980619; US 1999-335742 19990618.

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | US 2002062529 | A1   | 20020530 | US 2001-829433  | 20010410 |
|    | FR 2779948    | A1   | 19991224 | FR 1998-7793    | 19980619 |
|    | FR 2779948    | B1   | 20040423 |                 |          |
|    | US 2003200614 | A1   | 20031030 | US 1999-335742  | 19990618 |

IT **201599-22-6**, 3-Amino-7- $\beta$ -hydroxyethylamino-5-methylpyrazolo[1,5-a]pyrimidine

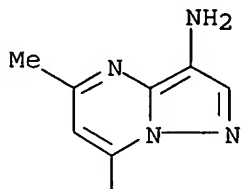
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(hair dye compns. containing bis(diaminophenoxy)dioxaoctane and oxidation

base

and coupler)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)HO-CH<sub>2</sub>-CH<sub>2</sub>-NH

L15 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2002:10243 Document No. 136:74288 Oxidation dyeing composition for keratinous fibers comprising an amphoteric polymer with fatty chain. Laurent, Florence (L'Oreal, Fr.). PCT Int. Appl. WO 2002000181 A1 20020103, 55 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (French). CODEN: PIXXD2. APPLICATION: WO 2001-FR2095 20010629. PRIORITY: FR 2000-8503 20000630. PATENT NO. KIND DATE APPLICATION NO. DATE

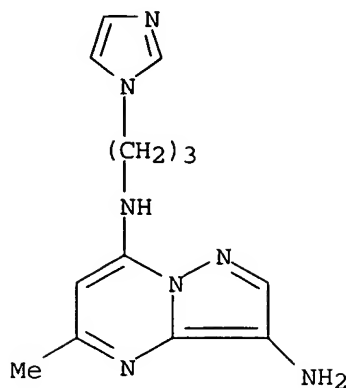
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| PI | WO 2002000181 | A1   | 20020103 | WO 2001-FR2095  | 20010629 |
|    | W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
|    | RW:           | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
|    | FR 2810882    | A1   | 20020104 | FR 2000-8503    | 20000630 |
|    | CA 2411438    | AA   | 20020103 | CA 2001-2411438 | 20010629 |
|    | EP 1299072    | A1   | 20030409 | EP 2001-949592  | 20010629 |
|    | R:            | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR   |          |                 |          |
|    | BR 2001012309 | A  | 20030506 | BR 2001-12309   | 20010629 |
|    | JP 2004501172 | T2   | 20040115 | JP 2002-504963  | 20010629 |
|    | US 2003172472 | A1   | 20030918 | US 2003-312628  | 20030314 |

IT 267407-85-2

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(oxidation dyeing composition for keratinous fibers comprising amphoteric polymer with fatty chain)

RN 267407-85-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-methyl- (9CI) (CA INDEX NAME)



L15 ANSWER 31 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2003:798405 Document No. 139:311934 Hair compositions containing oxidation dye and an agent limiting the transcutaneous absorption of dyes. Dreher, Frank; Pruche, Francis (L'Oreal, Fr.). Fr. Demande FR 2838053 A1 20031010, 41 pp. (French). CODEN: FRXXBL. APPLICATION: FR 2002-4427 20020409.

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | FR 2838053  | A1   | 20031010 | FR 2002-4427    | 20020409 |
|    | EP 1352635  | A2   | 20031015 | EP 2003-290873  | 20030408 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK |      |          |                 |          |
|    | US 2004040097   | A1   | 20040304 | US 2003-409570  | 20030409 |

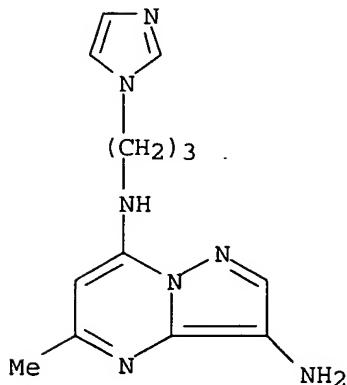
IT **267407-85-2**

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(hair comps. containing oxidation dye and agent limiting the transcutaneous absorption of dyes)

RN 267407-85-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-methyl- (9CI) (CA INDEX NAME)



L15 ANSWER 32 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2003:626420 Document No. 139:185308 Dyeing composition comprising diaminopyrazole and cationic compounds as oxidation bases and a coupling

agent. Kravtchenko, Sylvain; Lagrange, Alain (L'Oreal, Fr.). Eur. Pat. Appl. EP 1334713 A1 20030813, 1 p. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK. (French). CODEN: EPXXDW.

APPLICATION: EP 2003-290258 20030203. PRIORITY: FR 2002-1713 20020212.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
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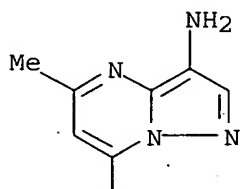
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| PI | EP 1334713  | A1 | 20030813 | EP 2003-290258  | 20030203 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK |    |          |                 |          |
|    | FR 2835742  | A1 | 20030815 | FR 2002-1713    | 20020212 |
|    | CA 2418493  | AA | 20030812 | CA 2003-2418493 | 20030211 |
|    | US 2004045100   | A1 | 20040311 | US 2003-361579  | 20030211 |
|    | US 2005097681   | A9 | 20050512 |                 |          |
|    | US 6905522  | B2 | 20050614 |                 |          |
|    | BR 2003000353   | A  | 20040803 | BR 2003-353     | 20030211 |
|    | RU 2245406  | C2 | 20050127 | RU 2003-104025  | 20030211 |
|    | CN 1438278  | A  | 20030827 | CN 2003-104400  | 20030212 |
|    | JP 2003277247   | A2 | 20031002 | JP 2003-34071   | 20030212 |

IT 286374-05-8

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(dyeing composition comprising diaminopyrazole and cationic compds. as oxidation bases and coupling agent)

RN 286374-05-8 CAPLUS

CN 1-Propanaminium, 3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]-N,N,N-trimethyl-, chloride (9CI) (CA INDEX NAME)



Me<sub>3</sub><sup>+</sup>N-(CH<sub>2</sub>)<sub>3</sub>-NH

● Cl<sup>-</sup>

L15 ANSWER 33 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2003:322135 Document No. 138:326260 Oxidative hair dyes containing a heterocyclic base and 1-N-(beta-hydroxyethyl)-4-hydroxyindole as coupling agent. Audousset, Marie Pascale (L'Oreal, Fr.). Fr. Demande FR 2831055 A1 20030425, 32 pp. (French). CODEN: FRXXBL. APPLICATION: FR 2001-13764 20011024.

| PATENT NO. | KIND       | DATE | APPLICATION NO. | DATE          |          |
|------------|------------|------|-----------------|---------------|----------|
| PI         | FR 2831055 | A1   | 20030425        | FR 2001-13764 | 20011024 |
|            | FR 2831055 | B1   | 20040528        |               |          |

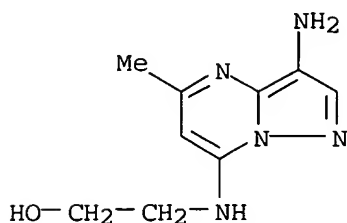
IT 201599-22-6

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(oxidative hair dyes containing heterocyclic base and hydroxyethyl hydroxyindole as coupling agent)

RN 201599-22-6 CAPLUS

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]- (9CI)

(CA INDEX NAME)



L15 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

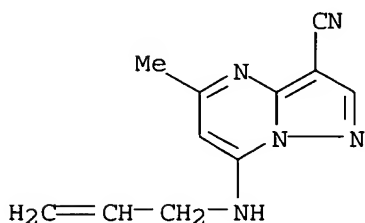
2004:725256 Document No. 142:219227 Design, synthesis, and hypnotic activity of pyrazolo[1,5-a]pyrimidine derivatives. Wang, Song Qing; Fang, Lin; Liu, Xiu Jie; Zhao, Kang (College of Pharmaceutical Engineering, Shenyang Pharmaceutical University, Shenyang, 110016, Peop. Rep. China). Chinese Chemical Letters, 15(8), 885-888 (English) 2004. CODEN: CCLEE7. ISSN: 1001-8417. Publisher: Chinese Chemical Society.

IT 842170-56-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(preparation and hypnotic activity of pyrazolopyrimidines via substitution of chloropyrazolopyrimidine with amines)

RN 842170-56-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3-carbonitrile, 5-methyl-7-(2-propenylamino)-(9CI) (CA INDEX NAME)



L15 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2004:291073 Document No. 140:326607 Hair dye composition comprising at least a heterocyclic oxidation base and at least a substituted 2,3-diaminopyridine coupler. Kravtchenko, Sylvain; Lagrange, Alain; Fadli, Aziz (L'Oreal, Fr.). Fr. Demande FR 2845283 A1 20040409, 28 pp. (French). CODEN: FRXXBL. APPLICATION: FR 2002-12360 20021004.

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| FR 2845283 | A1   | 20040409 | FR 2002-12360   | 20021004 |
| EP 1413286 | A1   | 20040428 | EP 2003-292454  | 20031003 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

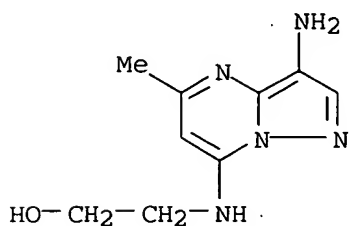
IT 201599-22-6

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(hair dye composition comprising at least heterocyclic oxidation base and at least substituted diaminopyridine coupler)

RN 201599-22-6 CAPLUS

10/654,546

CN Ethanol, 2-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino] - (9CI)  
(CA INDEX NAME)



L15 ANSWER 36 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2004:271167 Document No. 140:292209 Antipenetrating hair pretreatment composition containing an polyoxyethylene polymer for limiting the penetration of dyes in skin. Dreher, Frank (L'oreal, Fr.). Fr. Demande FR 2845001 A1 20040402, 54 pp. (French). CODEN: FRXXBL. APPLICATION: FR 2002-12032 20020927.

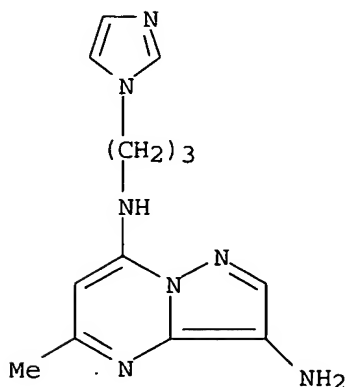
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | FR 2845001  | A1   | 20040402 | FR 2002-12032   | 20020927 |
|    | EP 1405627  | A1   | 20040407 | EP 2003-292353  | 20030925 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK |      |          |                 |          |
|    | US 2004231071   | A1   | 20041125 | US 2003-671499  | 20030929 |

IT 267407-85-2

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(antipenetrating hair pretreatment composition containing polyoxyethylene polymer for limiting penetration of dyes in skin)

RN 267407-85-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-methyl- (9CI) (CA INDEX NAME)



L15 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2005:347001 Document No. 142:392433 Preparation of fused heterocyclic compounds as c-Jun N-terminal kinase inhibitors. Yoshizawa, Toshio; Ogawa, Koji; Fujita, Setsuko; Inohara, Takeo; Ohmoto, Kazuyuki (Ono Pharmaceutical Co., Ltd., Japan). PCT Int. Appl. WO 2005035516 A1

20050421, 98 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2004-JP14941 20041008. PRIORITY: JP 2003-352585 20031010; JP 2004-13672 20040121.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI WO 2005035516  | A1   | 20050421 | WO 2004-JP14941 | 20041008 |
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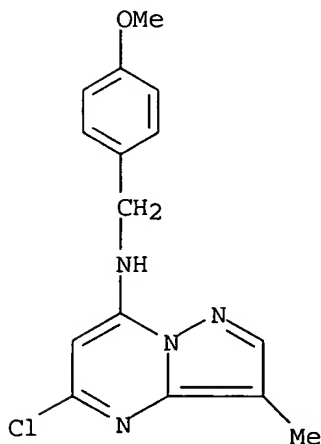
IT 850140-64-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of pyrazolo[1,5-a]pyrimidine and chromen amines as JNK1 kinase inhibitors)

RN 850140-64-6 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(4-methoxyphenyl)methyl]-3-methyl- (9CI) (CA INDEX NAME)



L15 ANSWER 38 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

2005:232568 Document No. 142:291383 Nitrosated and nitrosylated cardiovascular compounds, compositions, and methods of therapeutic use. Garvey, David S.; Letts, Gordon L.; Worcel, Manuel (Nitromed, Inc., USA). PCT Int. Appl. WO 2005023182 A2 20050317, 126 pp. DESIGNATED STATES: W:



AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-US26910 20040820. PRIORITY: US 2003-PV498309 20030828; US 2004-PV535542 20040112. PATENT NO. KIND DATE APPLICATION NO. DATE

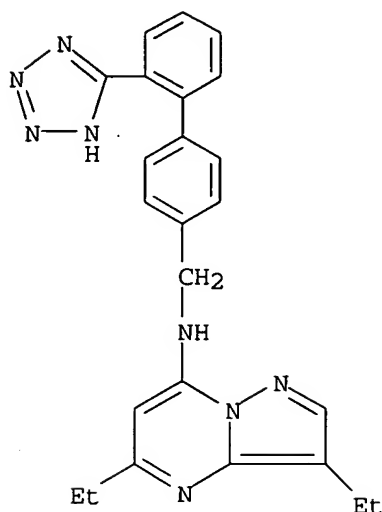
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US 2005059655 A1 20050317 US 2004-921936 20040820  
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IT 167371-59-7D, nitrosated/nitrosylated derivs.  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(nitrosated and nitrosylated cardiovascular compds., compns., and therapeutic use)

RN 167371-59-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3,5-diethyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



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L15 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1973:478840 CAPLUS

DOCUMENT NUMBER: 79:78840

TITLE: Pyrazolo[1,5-a]pyrimidines

INVENTOR(S): Robins, Roland; O'Brien, Darrell E.; Novinson, Thomas; Springer, Robert H.

PATENT ASSIGNEE(S): International Chemical and Nuclear Corp.

SOURCE: Ger. Offen., 91 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| DE 2257547 | A1   | 19730614 | DE 1972-2257547 | 19721123 |
| US 3925385 | A    | 19751209 | US 1972-245870  | 19720420 |
| AU 7249133 | A1   | 19740523 | AU 1972-49133   | 19721122 |
| ZA 7208388 | A    | 19730725 | ZA 1972-8388    | 19721127 |
| GB 1412017 | A    | 19751029 | GB 1972-55587   | 19721201 |
| SE 398751  | B    | 19780116 | SE 1972-15829   | 19721205 |
| SE 398751  | C    | 19780427 |                 |          |
| NL 7216539 | A    | 19730613 | NL 1972-16539   | 19721206 |
| ES 409341  | A1   | 19761201 | ES 1972-409341  | 19721206 |
| NO 137012  | C    | 19771214 | NO 1972-4476    | 19721206 |
| CH 603652  | A    | 19780831 | CH 1972-17751   | 19721206 |
| DD 104530  | C    | 19740312 | DD 1972-167370  | 19721207 |
| AT 7210415 | A    | 19751215 | AT 1972-10415   | 19721207 |
| AT 331800  | B    | 19760825 |                 |          |
| BE 792533  | A1   | 19730608 | BE 1972-125152  | 19721208 |
| FR 2162634 | A1   | 19730720 | FR 1972-43860   | 19721208 |
| BR 7208692 | A0   | 19730913 | BR 1972-8692    | 19721208 |
| CA 989832  | A1   | 19760525 | CA 1972-158788  | 19721208 |

10/654,546

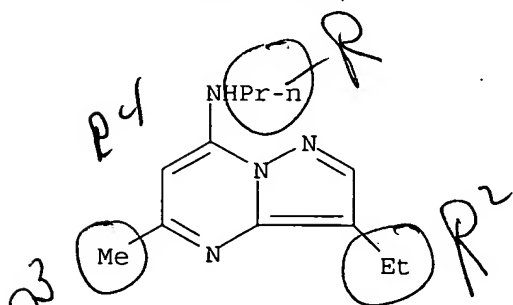
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| HU 168530   | P  | 19760528 | HU 1972-IE548  | 19721208 |
| JP 48064097 | A2 | 19730905 | JP 1972-123877 | 19721209 |
| RO 62762    | P  | 19780515 | RO 1972-73093  | 19721209 |

PRIORITY APPLN. INFO.:

|  |  |  |                |   |          |
|--|--|--|----------------|---|----------|
|  |  |  | US 1971-206538 | A | 19711209 |
|  |  |  | US 1972-245870 | A | 19720420 |
|  |  |  | US 1972-273465 | A | 19720720 |
|  |  |  | US 1972-299840 | A | 19721024 |

| PATENT NO.    | KIND  | DATE     | APPLICATION NO. | DATE     |
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| AU 7249133    | A1    | 19740523 | AU 1972-49133   | 19721122 |
| ZA 7208388    | A     | 19730725 | ZA 1972-8388    | 19721127 |
| GB 1412017    | A     | 19751029 | GB 1972-55587   | 19721201 |
| SE 398751     | B     | 19780116 | SE 1972-15829   | 19721205 |
| SE 398751     | C     | 19780427 |                 |          |
| NL 7216539    | A     | 19730613 | NL 1972-16539   | 19721206 |
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| AT 7210415    | A     | 19751215 | AT 1972-10415   | 19721207 |
| AT 331800     | B     | 19760825 |                 |          |
| BE 792533     | A1    | 19730608 | BE 1972-125152  | 19721208 |
| FR 2162634    | A1    | 19730720 | FR 1972-43860   | 19721208 |
| BR 7208692    | A0    | 19730913 | BR 1972-8692    | 19721208 |
| CA 989832     | A1    | 19760525 | CA 1972-158788  | 19721208 |
| HU 168530     | P     | 19760528 | HU 1972-IE548   | 19721208 |
| JP 48064097   | A2    | 19730905 | JP 1972-123877  | 19721209 |
| RO 62762      | P     | 19780515 | RO 1972-73093   | 19721209 |

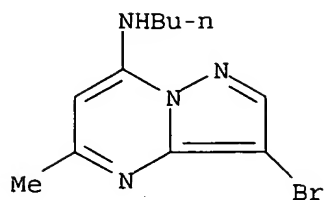
IT 43024-55-1P 43024-58-4P 43024-59-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 43024-55-1 CAPLUS  
 CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-ethyl-5-methyl-N-propyl- (9CI) (CA  
 INDEX NAME)



*Handwritten:* 1, 2, 4, 5, 6, 7, 8, 11, 6, 19  
 40#42  
 R<sub>1</sub> = R<sub>5</sub> = H

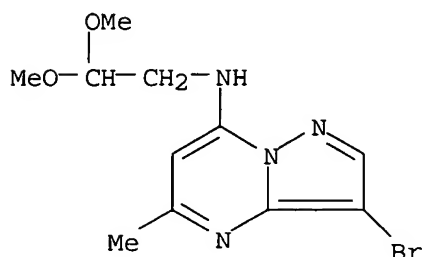
RN 43024-58-4 CAPLUS  
 CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-bromo-N-butyl-5-methyl- (9CI) (CA  
 INDEX NAME)

10/654,546



RN 43024-59-5 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-bromo-N-(2,2-dimethoxyethyl)-5-methyl-  
(9CI) (CA INDEX NAME)



L15 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1986:626617 CAPLUS

DOCUMENT NUMBER: 105:226617

TITLE: Pyrazolo[1,5-a]- and [1,2,4]triazolo[1,5-a]pyrimidine derivatives

INVENTOR(S): Hirai, Kentaro; Tsutsumiuchi, Masami

PATENT ASSIGNEE(S): Shionogi and Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 41 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.             | KIND     | DATE       | APPLICATION NO. | DATE     |
|------------------------|----------|------------|-----------------|----------|
| JP 61057587            | A2       | 19860324   | JP 1984-181464  | 19840829 |
| PRIORITY APPLN. INFO.: |          |            | JP 1984-181464  | 19840829 |
| OTHER SOURCE(S):       | CASREACT | 105:226617 |                 |          |
| PATENT NO.             | KIND     | DATE       | APPLICATION NO. | DATE     |
| JP 61057587            | A2       | 19860324   | JP 1984-181464  | 19840829 |

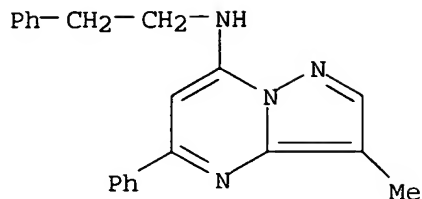
PI 104906-25-4P 104933-64-4P

IT 104906-25-4 CAPLUS  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of, as antiulcer agent)

RN 104906-25-4 CAPLUS

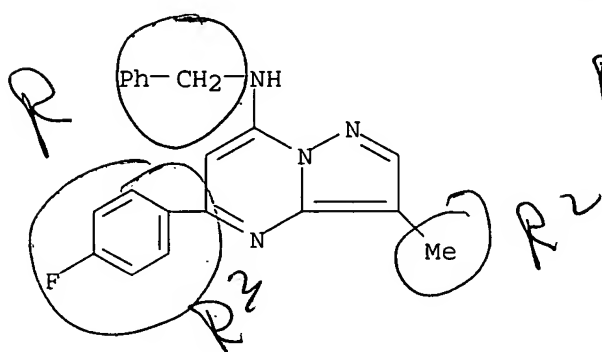
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-methyl-5-phenyl-N-(2-phenylethyl)-  
(9CI) (CA INDEX NAME)

10/654,546



RN 104933-64-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-(4-fluorophenyl)-3-methyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



R<sub>4</sub>-R<sub>5</sub>=6

1-10  
19, 23  
40 + 42

L15 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:777657 CAPLUS

DOCUMENT NUMBER: 123:169666

TITLE: pyrazolo[1,5-a]pyrimidine derivatives and their use as angiotensin antagonists

INVENTOR(S): Ruehter, Gerd; Schotten, Theo; Stenzel, Wolfgang; Paal, Michael

PATENT ASSIGNEE(S): Beiersdorf-Lilly GmbH, Germany

SOURCE: Eur. Pat. Appl., 63 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE        |
|---|------|----------|-----------------|-------------|
| EP 628559   | A1   | 19941214 | EP 1994-304104  | 19940607    |
| EP 628559   | B1   | 20020403 |                 |             |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE |      |          |                 |             |
| US 5571813  | A    | 19961105 | US 1994-254803  | 19940606    |
| ES 2174863  | T3   | 20021116 | ES 1994-304104  | 19940607    |
| CA 2125458  | AA   | 19941211 | CA 1994-2125458 | 19940608    |
| JP 07002860   | A2   | 19950106 | JP 1994-127441  | 19940609    |
| US 5602136  | A    | 19970211 | US 1995-451586  | 19950526    |
| US 5602137  | A    | 19970211 | US 1995-451799  | 19950526    |
| PRIORITY APPLN. INFO.:  |      |          | EP 1993-304513  | A 19930610  |
|   |      |          | US 1994-254803  | A3 19940606 |

OTHER SOURCE(S): MARPAT 123:169666

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI EP 628559  | A1   | 19941214 | EP 1994-304104  | 19940607 |
| EP 628559   | B1   | 20020403 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE |      |          |                 |          |

10/654,546

|             |    |          |                 |          |
|-------------|----|----------|-----------------|----------|
| US 5571813  | A  | 19961105 | US 1994-254803  | 19940606 |
| ES 2174863  | T3 | 20021116 | ES 1994-304104  | 19940607 |
| CA 2125458  | AA | 19941211 | CA 1994-2125458 | 19940608 |
| JP 07002860 | A2 | 19950106 | JP 1994-127441  | 19940609 |
| US 5602136  | A  | 19970211 | US 1995-451586  | 19950526 |
| US 5602137  | A  | 19970211 | US 1995-451799  | 19950526 |

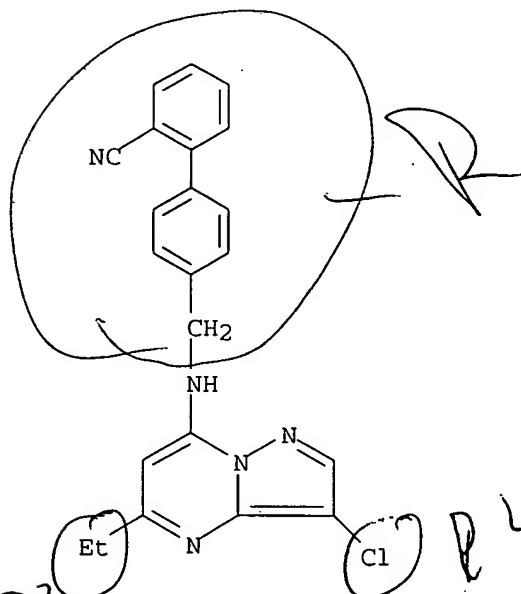
IT 167371-46-2P 167371-54-2P 167371-58-6P  
167371-92-8P 167372-02-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazolo[1,5-a]pyrimidine derivs. angiotensin antagonists)

RN 167371-46-2 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[[3-chloro-5-ethylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)



$R4 = R5 = H$

biphenyl

1,2

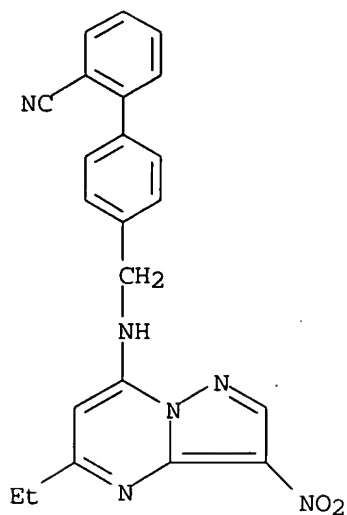
4-8

15, 19, 40 #42

RN 167371-54-2 CAPLUS

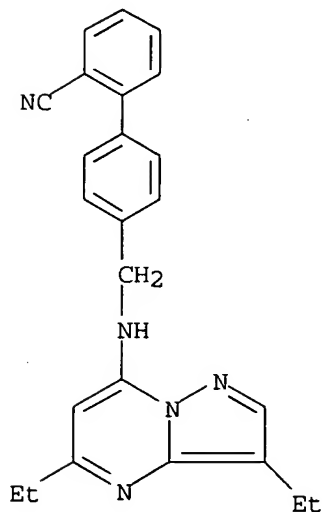
CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[[5-ethyl-3-nitropyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)

10/654,546



RN 167371-58-6 CAPLUS

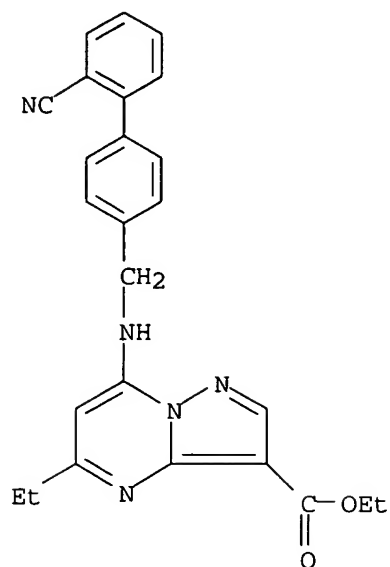
CN [1,1'-Biphenyl]-2-carbonitrile, 4'--[[[3,5-diethylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)



RN 167371-92-8 CAPLUS

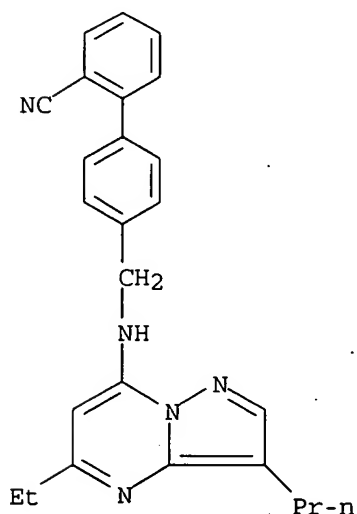
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 7-[[[2'-cyano[1,1'-biphenyl]-4-yl)methyl]amino]-5-ethyl-, ethyl ester (9CI) (CA INDEX NAME)

10/654,546



RN 167372-02-3 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[[5-ethyl-3-propylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl] - (9CI) (CA INDEX NAME)



IT 167371-47-3P 167371-55-3P 167371-59-7P

167371-93-9P 167371-94-0P 167372-03-4P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

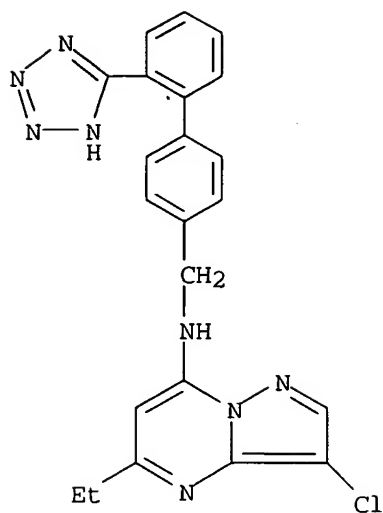
(preparation of pyrazolo[1,5-a]pyrimidine derivs. angiotensin antagonists)

RN 167371-47-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-chloro-5-ethyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl] - (9CI) (CA INDEX NAME)

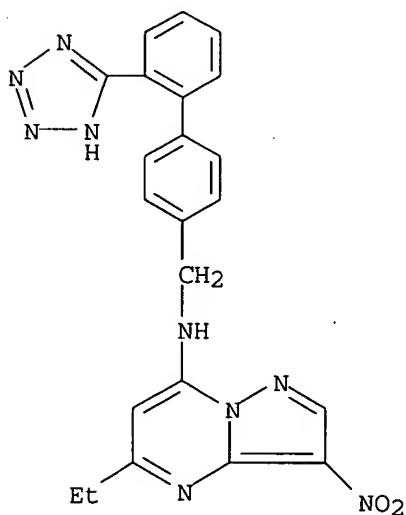


10/654,546



RN 167371-55-3 CAPLUS

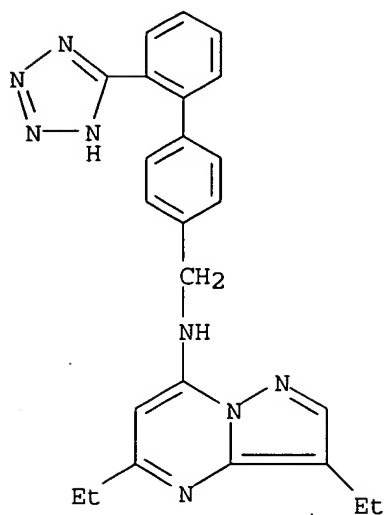
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-3-nitro-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 167371-59-7 CAPLUS

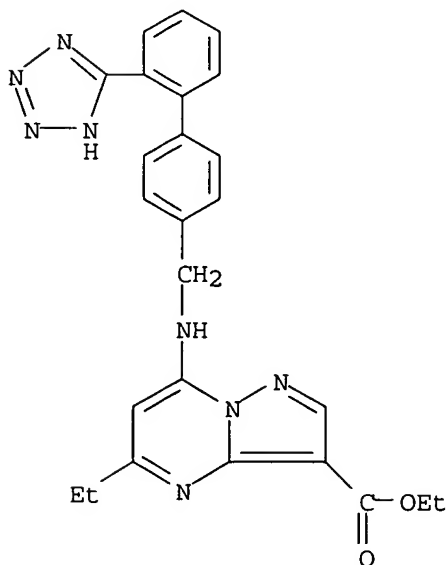
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3,5-diethyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

10/654,546



RN 167371-93-9 CAPLUS

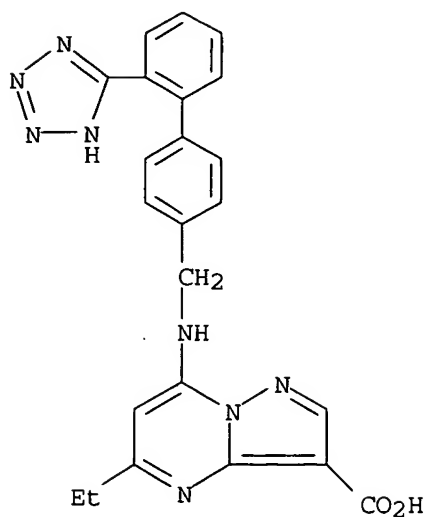
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-ethyl-7-[[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



RN 167371-94-0 CAPLUS

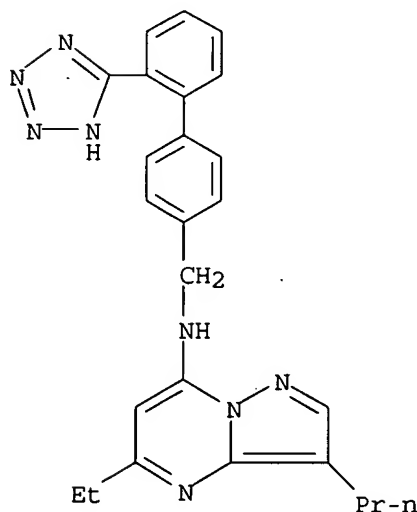
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-ethyl-7-[[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]amino]- (9CI) (CA INDEX NAME)

10/654,546



RN 167372-03-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-3-propyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



L15 ANSWER 7 OF 38 CAPLUS. COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1997:542450 CAPLUS

DOCUMENT NUMBER: 127:220669

TITLE: Pyrazolopyrimidines as CRF receptor antagonists

INVENTOR(S): Chen, Chen; Webb, Thomas R.; McCarthy, James R.;  
Moran, Terence J.; Wilcoxon, Keith M.

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.; Neurocrine  
Biosciences, Inc.

SOURCE: PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE        |
|---|------|----------|------------------|-------------|
| WO 9729109  | A1   | 19970814 | WO 1997-EP459    | 19970130    |
| W: AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KG, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                  |             |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                  |             |
| CA 2233285  | AA   | 19970814 | CA 1997-2233285  | 19970130    |
| AU 9715991  | A1   | 19970828 | AU 1997-15991    | 19970130    |
| AU 713673   | B2   | 19991209 |                  |             |
| EP 880523   | A1   | 19981202 | EP 1997-902295   | 19970130    |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI   |      |          |                  |             |
| CN 1205009  | A    | 19990113 | CN 1997-191382   | 19970130    |
| CN 1090189  | B    | 20020904 |                  |             |
| BR 9707391  | A    | 19990720 | BR 1997-7391     | 19970130    |
| NZ 330119   | A    | 20000228 | NZ 1997-330119   | 19970130    |
| JP 2000503661   | T2   | 20000328 | JP 1997-528123   | 19970130    |
| JP 3356291  | B2   | 20021216 |                  |             |
| JP 2002121194   | A2   | 20020423 | JP 2001-265611   | 19970130    |
| EE 4282   | B1   | 20040415 | EE 1998-124      | 19970130    |
| TW 449599   | B    | 20010811 | TW 1997-86101373 | 19970205    |
| ZA 9700989  | A    | 19980806 | ZA 1997-989      | 19970206    |
| NO 9801357  | A    | 19980803 | NO 1998-1357     | 19980325    |
| NO 310292   | B1   | 20010618 |                  |             |
| US 2003125341   | A1   | 20030703 | US 1999-117717   | 19990302    |
| US 6664261  | B2   | 20031216 |                  |             |
| US 2004127483   | A1   | 20040701 | US 2003-665740   | 20030919    |
| PRIORITY APPLN. INFO.:  |      |          |                  |             |
|   |      |          | US 1996-11279P   | P 19960207  |
|   |      |          | US 1996-27688P   | P 19961008  |
|   |      |          | JP 1997-528123   | A3 19970130 |
|   |      |          | WO 1997-EP459    | W 19970130  |
|   |      |          | US 1999-117717   | A1 19990302 |

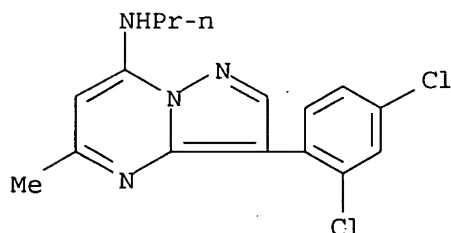
OTHER SOURCE(S): MARPAT 127:220669

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI WO 9729109   | A1   | 19970814 | WO 1997-EP459   | 19970130 |
| W: AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KG, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| CA 2233285  | AA   | 19970814 | CA 1997-2233285 | 19970130 |
| AU 9715991  | A1   | 19970828 | AU 1997-15991   | 19970130 |
| AU 713673   | B2   | 19991209 |                 |          |
| EP 880523   | A1   | 19981202 | EP 1997-902295  | 19970130 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI   |      |          |                 |          |
| CN 1205009  | A    | 19990113 | CN 1997-191382  | 19970130 |
| CN 1090189  | B    | 20020904 |                 |          |
| BR 9707391  | A    | 19990720 | BR 1997-7391    | 19970130 |

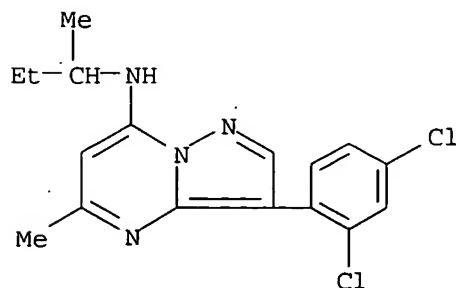
|    |            |    |          |    |               |          |
|----|------------|----|----------|----|---------------|----------|
| NZ | 330119     | A  | 20000228 | NZ | 1997-330119   | 19970130 |
| JP | 2000503661 | T2 | 20000328 | JP | 1997-528123   | 19970130 |
| JP | 3356291    | B2 | 20021216 |    |               |          |
| JP | 2002121194 | A2 | 20020423 | JP | 2001-265611   | 19970130 |
| EE | 4282       | B1 | 20040415 | EE | 1998-124      | 19970130 |
| TW | 449599     | B  | 20010811 | TW | 1997-86101373 | 19970205 |
| ZA | 9700989    | A  | 19980806 | ZA | 1997-989      | 19970206 |
| NO | 9801357    | A  | 19980803 | NO | 1998-1357     | 19980325 |
| NO | 310292     | B1 | 20010618 |    |               |          |
| US | 2003125341 | A1 | 20030703 | US | 1999-117717   | 19990302 |
| US | 6664261    | B2 | 20031216 |    |               |          |
| US | 2004127483 | A1 | 20040701 | US | 2003-665740   | 20030919 |

IT 195054-42-3P 195054-43-4P 195054-45-6P  
 195054-46-7P 195054-47-8P 195054-48-9P  
 195054-49-0P 195054-50-3P 195054-51-4P  
 195054-52-5P 195054-53-6P 195054-54-7P  
 195054-90-1P 195055-15-3P 195055-18-6P  
 195055-21-1P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of aminopyrazolopyrimidines as CRF receptor antagonists)

RN 195054-42-3 CAPLUS  
 CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-5-methyl-N-propyl-  
 (9CI) (CA INDEX NAME)

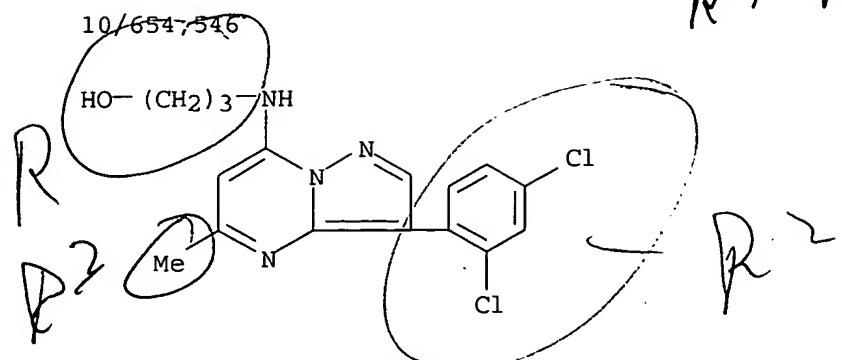


RN 195054-43-4 CAPLUS  
 CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-5-methyl-N-(1-methylpropyl)- (9CI) (CA INDEX NAME)



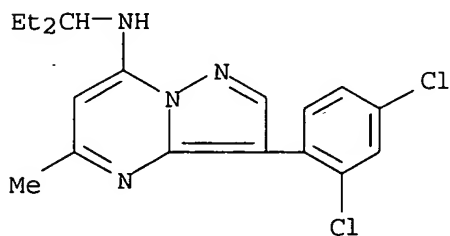
RN 195054-45-6 CAPLUS  
 CN 1-Propanol, 3-[[3-(2,4-dichlorophenyl)-5-methylpyrazolo[1,5-a]pyrimidin-7-yl]amino]- (9CI) (CA INDEX NAME)

R4=R5=H



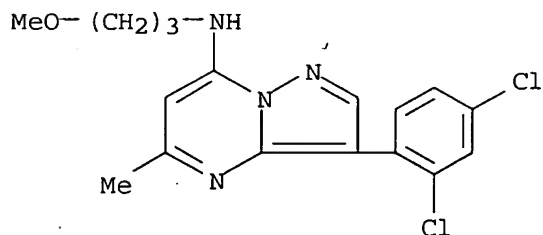
RN 195054-46-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-N-(1-ethylpropyl)-5-methyl- (9CI) (CA INDEX NAME)



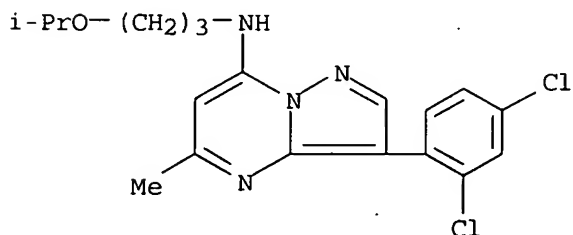
RN 195054-47-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-N-(3-methoxypropyl)-5-methyl- (9CI) (CA INDEX NAME)



RN 195054-48-9 CAPLUS

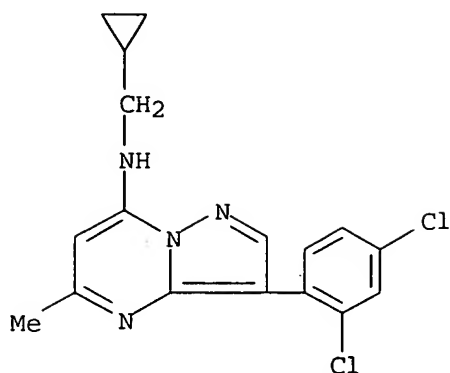
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-5-methyl-N-[3-(1-methylethoxy)propyl]- (9CI) (CA INDEX NAME)



RN 195054-49-0 CAPLUS

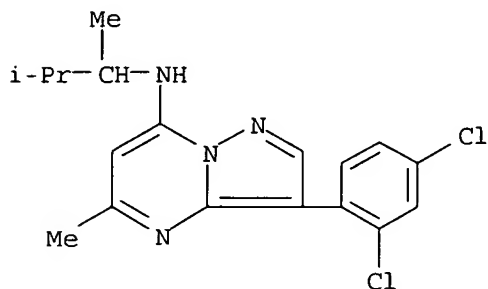
CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-(cyclopropylmethyl)-3-(2,4-dichlorophenyl)-5-methyl- (9CI) (CA INDEX NAME)

10/654,546



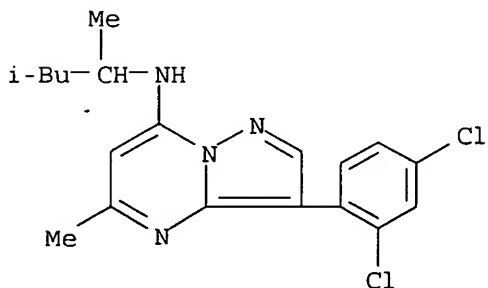
RN 195054-50-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-N-(1,2-dimethylpropyl)-5-methyl- (9CI) (CA INDEX NAME)



RN 195054-51-4 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-N-(1,3-dimethylbutyl)-5-methyl- (9CI) (CA INDEX NAME)

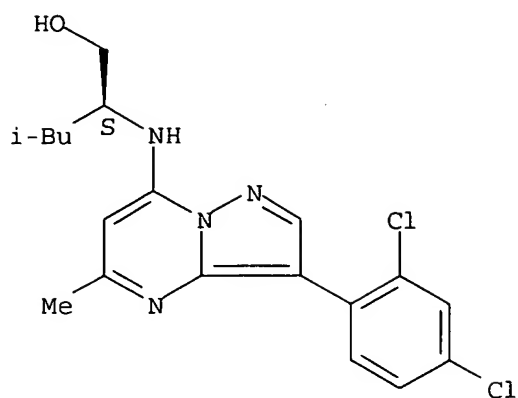


RN 195054-52-5 CAPLUS

CN 1-Pentanol, 2-[[3-(2,4-dichlorophenyl)-5-methylpyrazolo[1,5-a]pyrimidin-7-yl]amino]-4-methyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

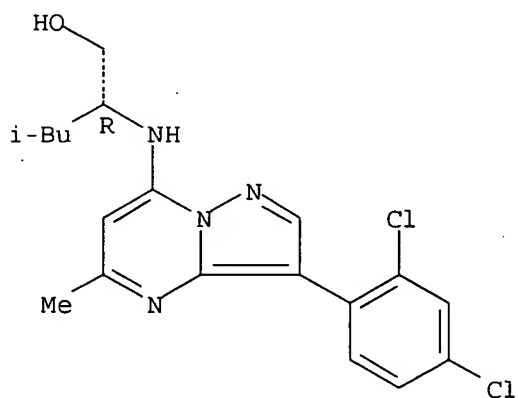
10/654,546



RN 195054-53-6 CAPLUS

CN 1-Pentanol, 2-[[3-(2,4-dichlorophenyl)-5-methylpyrazolo[1,5-a]pyrimidin-7-yl]amino]-4-methyl-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



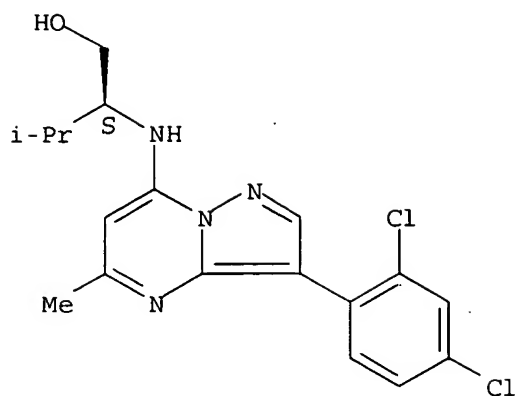
RN 195054-54-7 CAPLUS

CN 1-Butanol, 2-[[3-(2,4-dichlorophenyl)-5-methylpyrazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

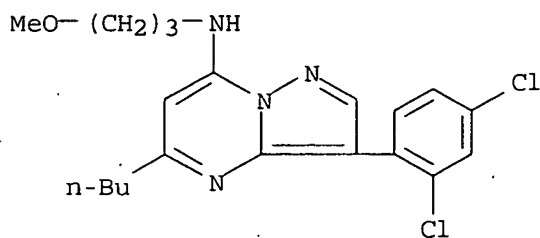


10/654,546



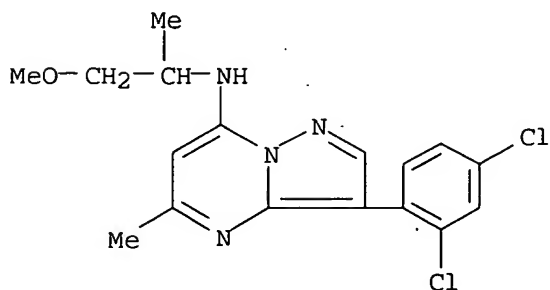
RN 195054-90-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-butyl-3-(2,4-dichlorophenyl)-N-(3-methoxypropyl)- (9CI) (CA INDEX NAME)



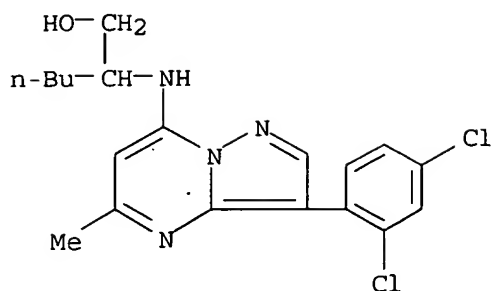
RN 195055-15-3 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-(2,4-dichlorophenyl)-N-(2-methoxy-1-methylethyl)-5-methyl- (9CI) (CA INDEX NAME)



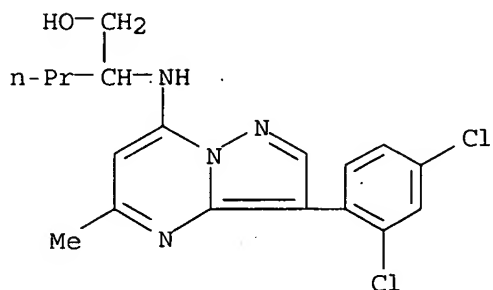
RN 195055-18-6 CAPLUS

CN 1-Hexanol, 2-[[3-(2,4-dichlorophenyl)-5-methylpyrazolo[1,5-a]pyrimidin-7-yl]amino]- (9CI) (CA INDEX NAME)



RN 195055-21-1 CAPLUS

CN 1-Pentanol, 2-[[3-(2,4-dichlorophenyl)-5-methylpyrazolo[1,5-a]pyrimidin-7-yl]amino]- (9CI) (CA INDEX NAME)



L15 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:163594 CAPLUS

DOCUMENT NUMBER: 128:204902

TITLE: Preparation of heterobicyclic derivatives as CRF antagonists

INVENTOR(S): Chen, Yuhpyng Liang

PATENT ASSIGNEE(S): Pfizer Inc., USA; Chen, Yuhpyng Liang

SOURCE: PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9808847  | A1   | 19980305 | WO 1997-IB922   | 19970725 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| AU 9734561  | A1   | 19980319 | AU 1997-34561   | 19970725 |
| AU 735401   | B2   | 20010705 |                 |          |
| EP 923582   | A1   | 19990623 | EP 1997-930697  | 19970725 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,  
SI, LT, LV, FI, RO

|               |    |          |                  |          |
|---------------|----|----------|------------------|----------|
| BR 9711970    | A  | 19990824 | BR 1997-11970    | 19970725 |
| CN 1227554    | A  | 19990901 | CN 1997-197027   | 19970725 |
| JP 2000502723 | T2 | 20000307 | JP 1998-511429   | 19970725 |
| JP 3621706    | B2 | 20050216 |                  |          |
| TR 9900389    | T2 | 20000621 | TR 1999-9900389  | 19970725 |
| NZ 333302     | A  | 20000825 | NZ 1997-333302   | 19970725 |
| CA 2263566    | C  | 20030909 | CA 1997-2263566  | 19970725 |
| CA 2263566    | AA | 19980305 |                  |          |
| HR 970454     | B1 | 20021031 | HR 1997-970454   | 19970822 |
| TW 575573     | B  | 20040211 | TW 1997-86112194 | 19970825 |
| ZA 9707687    | A  | 19990301 | ZA 1997-7687     | 19970827 |
| NO 9900927    | A  | 19990226 | NO 1999-927      | 19990226 |
| NO 313636     | B1 | 20021104 |                  |          |
| KR 2000035934 | A  | 20000626 | KR 1999-701674   | 19990227 |
| US 2001007867 | A1 | 20010712 | US 1999-242682   | 19991213 |
| US 2002151713 | A1 | 20021017 | US 2002-160206   | 20020530 |
| US 6900217    | B2 | 20050531 |                  |          |
| US 2005009823 | A1 | 20050113 | US 2004-762742   | 20040122 |
| JP 2005047930 | A2 | 20050224 | JP 2004-273978   | 20040921 |

PRIORITY APPLN. INFO.:

|                |    |          |
|----------------|----|----------|
| US 1996-25039P | P  | 19960828 |
| JP 1998-511429 | A3 | 19970725 |
| WO 1997-IB922  | W  | 19970725 |
| US 1999-242682 | A1 | 19991213 |
| US 2002-160206 | A3 | 20020530 |

OTHER SOURCE(S):

MARPAT 128:204902

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

|    |   |    |          |                  |          |
|----|---|----|----------|------------------|----------|
| PI | WO 9808847  | A1 | 19980305 | WO 1997-IB922    | 19970725 |
|    | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |    |          |                  |          |
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|    | AU 9734561  | A1 | 19980319 | AU 1997-34561    | 19970725 |
|    | AU 735401   | B2 | 20010705 |                  |          |
|    | EP 923582   | A1 | 19990623 | EP 1997-930697   | 19970725 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO   |    |          |                  |          |
|    | BR 9711970  | A  | 19990824 | BR 1997-11970    | 19970725 |
|    | CN 1227554  | A  | 19990901 | CN 1997-197027   | 19970725 |
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|    | JP 3621706  | B2 | 20050216 |                  |          |
|    | TR 9900389  | T2 | 20000621 | TR 1999-9900389  | 19970725 |
|    | NZ 333302   | A  | 20000825 | NZ 1997-333302   | 19970725 |
|    | CA 2263566  | C  | 20030909 | CA 1997-2263566  | 19970725 |
|    | CA 2263566  | AA | 19980305 |                  |          |
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|    | TW 575573   | B  | 20040211 | TW 1997-86112194 | 19970825 |
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|    | KR 2000035934   | A  | 20000626 | KR 1999-701674   | 19990227 |
|    | US 2001007867   | A1 | 20010712 | US 1999-242682   | 19991213 |
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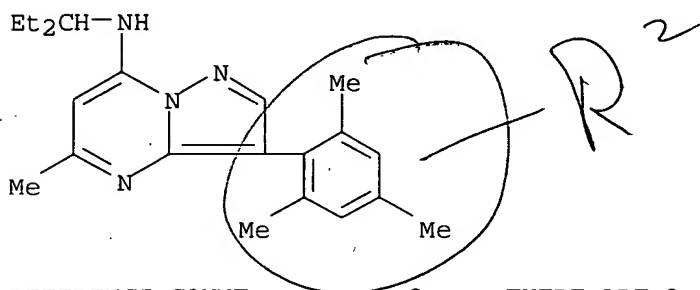
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| US 6900217    | B2 | 20050531 |                |          |
| US 2005009823 | A1 | 20050113 | US 2004-762742 | 20040122 |
| JP 2005047930 | A2 | 20050224 | JP 2004-273978 | 20040921 |

IT 203924-41-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of heterobicyclic derivs. as CRF antagonists)

RN 203924-41-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-(1-ethylpropyl)-5-methyl-3-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:467208 CAPLUS

DOCUMENT NUMBER: 131:237490

TITLE: Synthesis and structure-activity relationship of a new series of potent angiotensin II receptor antagonists: pyrazolo[1,5-a]pyrimidine derivatives

AUTHOR(S): Shiota, Takeshi; Yamamori, Teruo; Sakai, Katsunori; Kiyokawa, Mitsugu; Honma, Tsunetooshi; Ogawa, Masayoshi; Hayashi, Kunio; Ishizuka, Natsuki; Matsumura, Ken-Ichi; Hara, Mariko; Fujimoto, Masafumi; Kawabata, Tomoji; Nakajima, Shigeyuki

CORPORATE SOURCE: Shionogi Research Laboratories, Shionogi and Co., Ltd., Osaka, 553-0002, Japan

SOURCE: Chemical & Pharmaceutical Bulletin (1999), 47(7), 928-938

CODEN: CPBTAL; ISSN: 0009-2363

PUBLISHER: Pharmaceutical Society of Japan

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 167371-47-3P 167371-59-7P 167371-93-9P

167372-03-4P 244127-01-3P 244127-02-4P

244127-03-5P 244127-04-6P 244127-05-7P

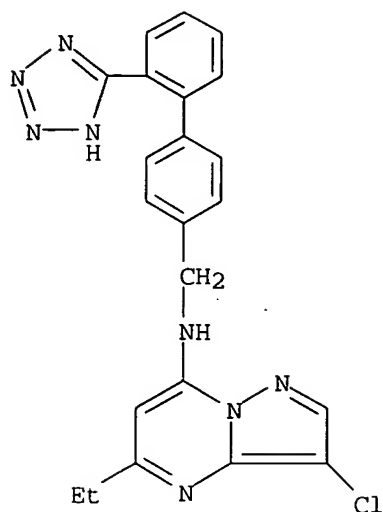
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

(synthesis and structure-activity relationship of pyrazolo[1,5-a]pyrimidines as angiotensin II receptor antagonists)

RN 167371-47-3 CAPLUS

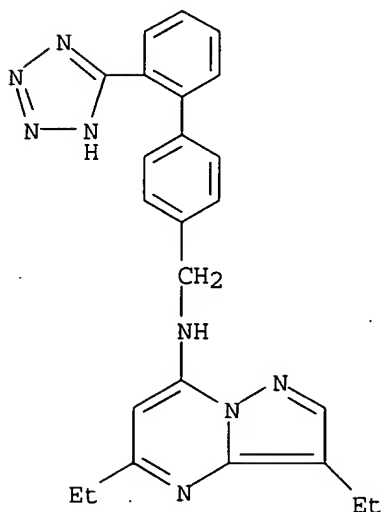
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-chloro-5-ethyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

10/654,546



RN 167371-59-7 CAPLUS

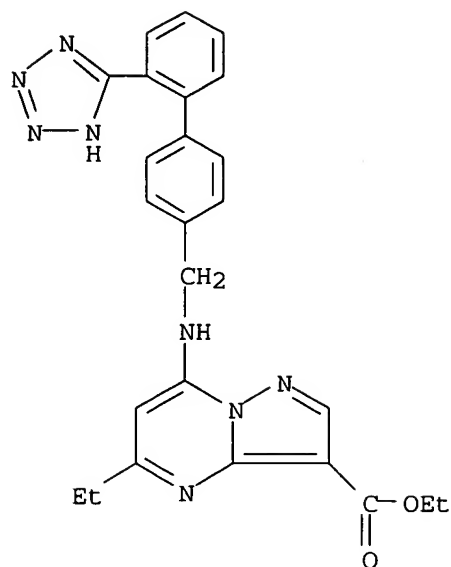
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3,5-diethyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 167371-93-9 CAPLUS

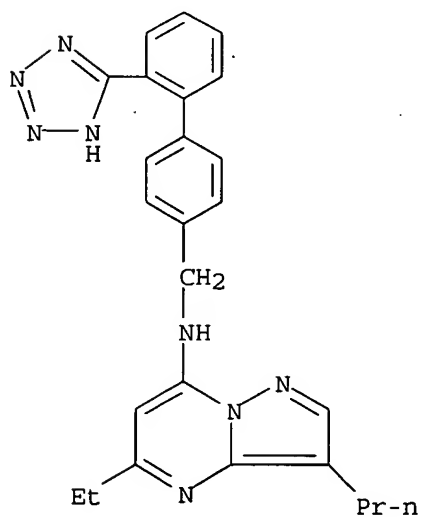
CN Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 5-ethyl-7-[[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

10/654,546



RN 167372-03-4 CAPLUS

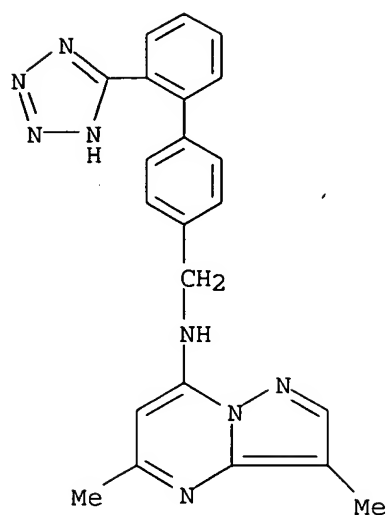
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-3-propyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 244127-01-3 CAPLUS

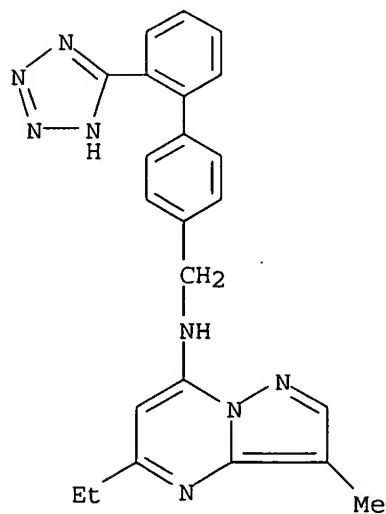
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3,5-dimethyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

10/654,546



RN 244127-02-4 CAPLUS

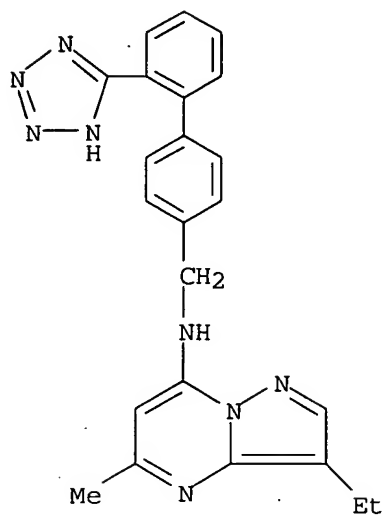
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-3-methyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 244127-03-5 CAPLUS

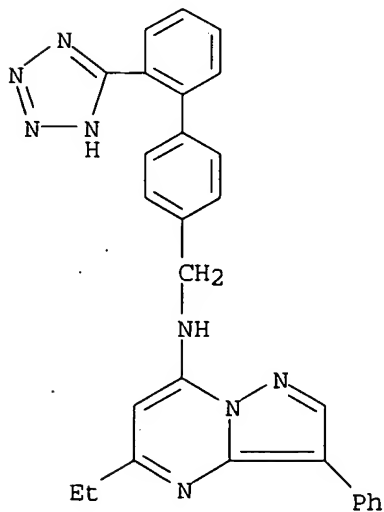
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 3-ethyl-5-methyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

10/654,546



RN 244127-04-6 CAPLUS

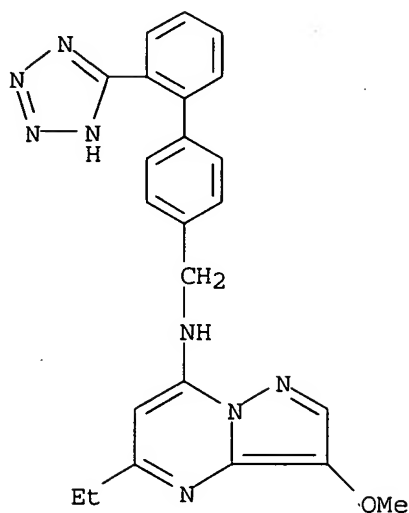
CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-3-phenyl-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 244127-05-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-3-methoxy-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)





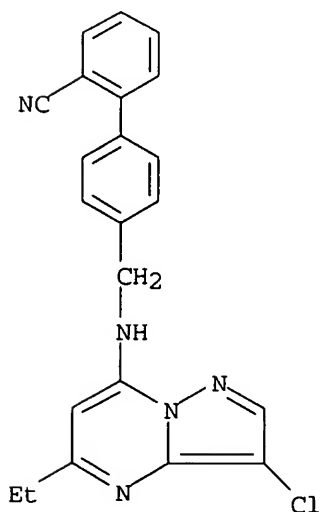
IT 167371-46-2P 167371-58-6P 167371-92-8P  
 167372-02-3P 244127-48-8P 244127-49-9P  
 244127-50-2P 244127-51-3P 244127-52-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis and structure-activity relationship of pyrazolo[1,5-a]pyrimidines as angiotensin II receptor antagonists)

RN 167371-46-2 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[[3-chloro-5-ethylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)

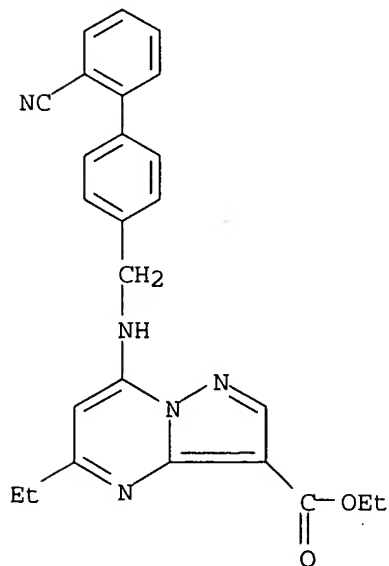


RN 167371-58-6 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[[3,5-diethylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)

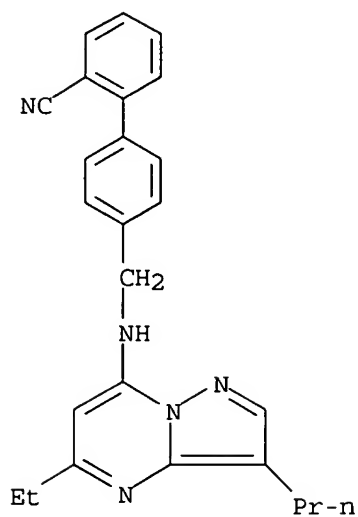
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CN    Pyrazolo[1,5-a]pyrimidine-3-carboxylic acid, 7-[[2'-(cyano[1,1'-biphenyl]-4-yl)methyl]amino]-5-ethyl-, ethyl ester (9CI)    (CA INDEX NAME)



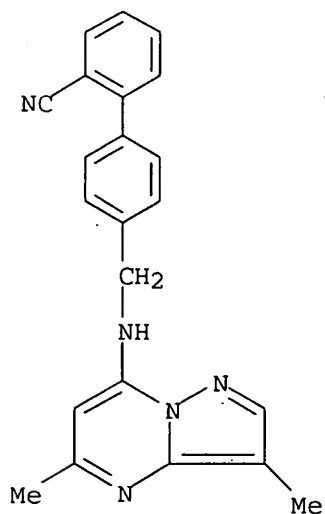
CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[ (5-ethyl-3-propylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl] - (9CI) (CA INDEX NAME)

10/654,546



RN 244127-48-8 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'--[[[(3,5-dimethylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)

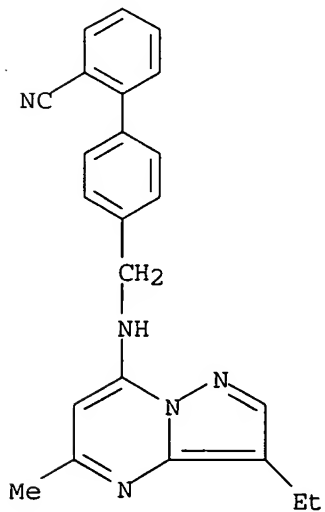


RN 244127-49-9 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'--[[[(5-ethyl-3-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)

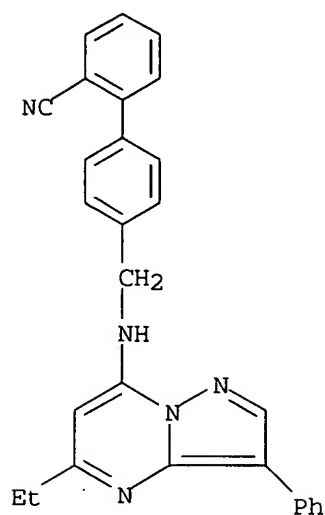
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CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[3-ethyl-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)



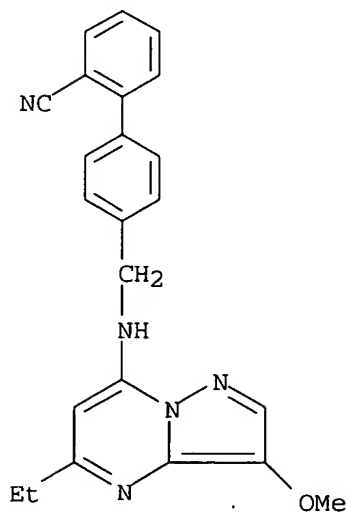
CN [1,1'-Biphenyl]-2-carbonitrile, 4'-[[5-ethyl-3-phenylpyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)

10/654,546



RN 244127-52-4 CAPLUS

CN [1,1'-Biphenyl]-2-carbonitrile, 4'--[[[5-ethyl-3-methoxypyrazolo[1,5-a]pyrimidin-7-yl)amino]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:513700 CAPLUS

DOCUMENT NUMBER: 133:136754

TITLE: Novel cationic oxidation bases with a pyrazolo[1,5-a]pyrimidine structure, their use for oxidation dyeing of keratin fibers, dyeing compositions et dyeing methods

INVENTOR(S): Terranova, Eric; Fadli, Aziz; Lagrange, Alain

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: PCT Int. Appl., 52 pp.

CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| WO 2000043396   | A1   | 20000727 | WO 2000-FR73    | 20000114   |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |            |
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| FR 2788522  | A1   | 20000721 | FR 1999-503     | 19990119   |
| FR 2788522  | B1   | 20010216 |                 |            |
| CA 2359089  | AA   | 20000727 | CA 2000-2359089 | 20000114   |
| EP 1147109  | A1   | 20011024 | EP 2000-900581  | 20000114   |
| EP 1147109  | B1   | 20030402 |                 |            |
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| JP 3643878  | B2   | 20050427 |                 |            |
| AT 236168   | E    | 20030415 | AT 2000-900581  | 20000114   |
| ES 2195852  | T3   | 20031216 | ES 2000-900581  | 20000114   |
| US 6783557  | B1   | 20040831 | US 2001-889503  | 20011022   |
| PRIORITY APPLN. INFO.:  |      |          |                 |            |
|   |      |          | FR 1999-503     | A 19990119 |
|   |      |          | WO 2000-FR73    | W 20000114 |

OTHER SOURCE(S): MARPAT 133:136754

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
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| PI WO 2000043396  | A1   | 20000727 | WO 2000-FR73    | 20000114 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| FR 2788522  | A1   | 20000721 | FR 1999-503     | 19990119 |
| FR 2788522  | B1   | 20010216 |                 |          |
| CA 2359089  | AA   | 20000727 | CA 2000-2359089 | 20000114 |
| EP 1147109  | A1   | 20011024 | EP 2000-900581  | 20000114 |
| EP 1147109  | B1   | 20030402 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO   |      |          |                 |          |
| JP 2002535333   | T2   | 20021022 | JP 2000-594812  | 20000114 |
| JP 3643878  | B2   | 20050427 |                 |          |
| AT 236168   | E    | 20030415 | AT 2000-900581  | 20000114 |
| ES 2195852  | T3   | 20031216 | ES 2000-900581  | 20000114 |
| US 6783557  | B1   | 20040831 | US 2001-889503  | 20011022 |

IT 286373-85-1P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT

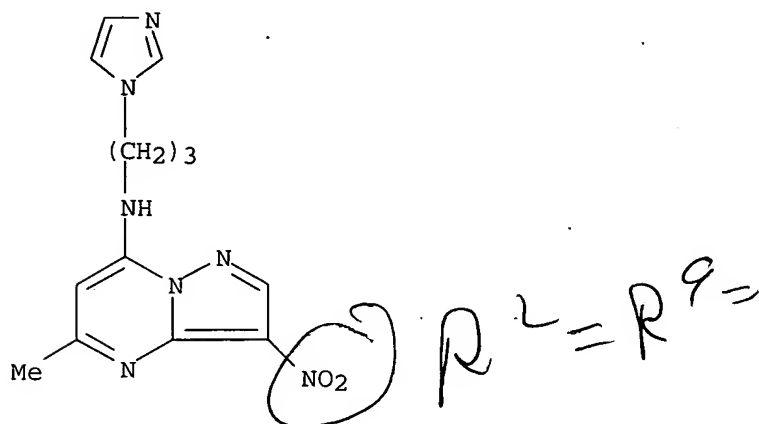
10/654,546

(Reactant or reagent)

(quaternary ammonium base precursor; quaternary ammonium oxidation bases with a pyrazolo[1,5-a]pyrimidine structure as precursors for oxidation dyeing of hair)

RN 286373-85-1 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-[3-(1H-imidazol-1-yl)propyl]-5-methyl-3-nitro- (9CI) (CA INDEX NAME)



IT 286373-84-0P 286374-05-8P 286374-07-0P

286374-08-1P 286374-10-5P 286374-11-6P

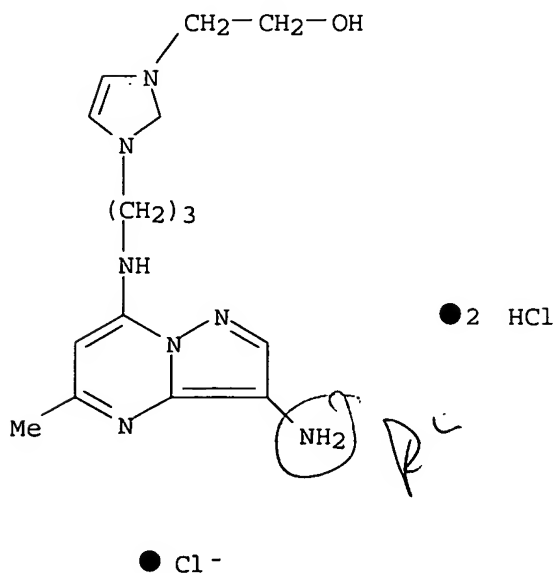
286374-13-8P

RL: BUU (Biological use, unclassified); IMF (Industrial manufacture); BIOL (Biological study); PREP (Preparation); USES (Uses)

(quaternary ammonium oxidation bases with a pyrazolo[1,5-a]pyrimidine structure as precursors for oxidation dyeing of hair)

RN 286373-84-0 CAPLUS

CN 1H-Imidazolium, 1-[3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]propyl]-3-(2-hydroxyethyl)-, chloride, dihydrochloride (9CI) (CA INDEX NAME)



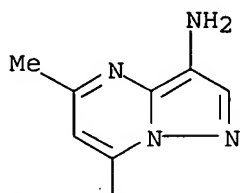
●  $\text{Cl}^-$

10/654,546

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 286374-05-8 CAPLUS

CN 1-Propanaminium, 3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]-  
N,N,N-trimethyl-, chloride (9CI) (CA INDEX NAME)



Me<sub>3</sub>N<sup>+</sup>-(CH<sub>2</sub>)<sub>3</sub>-NH

● Cl<sup>-</sup>

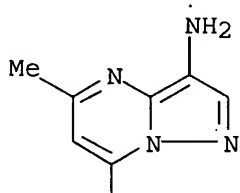
RN 286374-07-0 CAPLUS

CN 1-Propanaminium, 3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]-  
N,N,N-trimethyl-, methyl sulfate (9CI) (CA INDEX NAME)

CM 1

CRN 286374-06-9

CMF C13 H23 N6



Me<sub>3</sub>N<sup>+</sup>-(CH<sub>2</sub>)<sub>3</sub>-NH

CM 2

CRN 21228-90-0

CMF C H3 O4 S

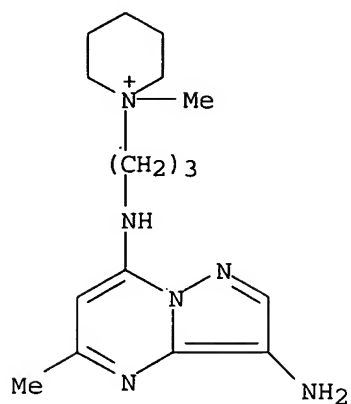
Me-O-SO<sub>3</sub><sup>-</sup>

RN 286374-08-1 CAPLUS

CN Piperidinium, 1-[3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]propyl]-1-methyl-, chloride (9CI) (CA INDEX NAME)



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● Cl<sup>-</sup>

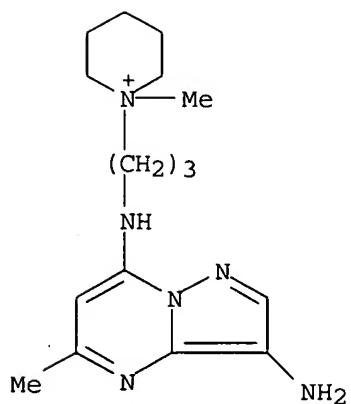
RN 286374-10-5 CAPLUS

CN Piperidinium, 1-[3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]propyl]-1-methyl-, methyl sulfate (9CI) (CA INDEX NAME)

CM 1

CRN 286374-09-2

CMF C16 H27 N6



CM 2

CRN 21228-90-0

CMF C H3 O4 S

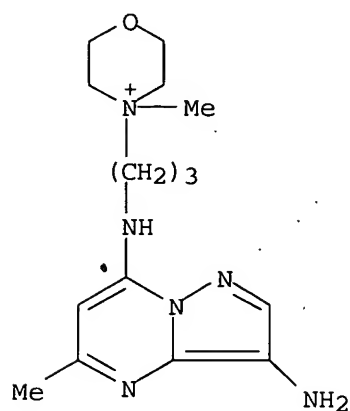
Me-O-SO<sub>3</sub><sup>-</sup>

RN 286374-11-6 CAPLUS

CN Morpholinium, 4-[3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-

10/654,546

yl)amino]propyl]-4-methyl-, chloride (9CI) (CA INDEX NAME)



● Cl<sup>-</sup>

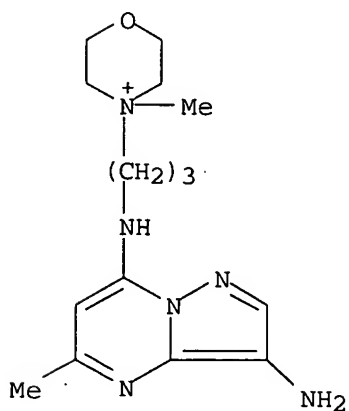
RN 286374-13-8 CAPLUS

CN Morpholinium, 4-[3-[(3-amino-5-methylpyrazolo[1,5-a]pyrimidin-7-yl)amino]propyl]-4-methyl-, methyl sulfate (9CI) (CA INDEX NAME)

CM 1

CRN 286374-12-7

CMF C15 H25 N6 O



CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me<sup>-</sup> O<sup>-</sup> SO<sub>3</sub><sup>-</sup>

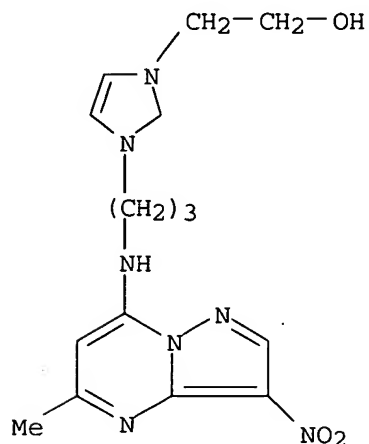
IT 286373-86-2P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(quaternary ammonium oxidation bases with a pyrazolo[1,5-a]pyrimidine structure as precursors for oxidation dyeing of hair)

RN 286373-86-2 CAPLUS

CN 1H-Imidazolium, 1-(2-hydroxyethyl)-3-[3-[(5-methyl-3-nitropyrazolo[1,5-a]pyrimidin-7-yl)amino]propyl]-, chloride (9CI) (CA INDEX NAME)

● Cl<sup>-</sup>

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:796238 CAPLUS

DOCUMENT NUMBER: 135:339292

TITLE: Combinations of corticotropin releasing factor antagonists and growth hormone secretagogues

INVENTOR(S): Fossa, Anthony A.

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: Eur. Pat. Appl., 58 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| EP 1149583  | A2   | 20011031 | EP 2001-303033  | 20010330 |
| EP 1149583  | A3   | 20011114 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
| BR 2001001456   | A    | 20011204 | BR 2001-1456    | 20010411 |
| CA 2344089  | AA   | 20011013 | CA 2001-2344089 | 20010412 |

US 2001041673 A1 20011115 US 2001-834477 20010413  
 PRIORITY APPLN. INFO.: US 2000-196698P P 20000413

OTHER SOURCE(S): MARPAT 135:339292  
 PATENT NO. KIND DATE APPLICATION NO. DATE

PI EP 1149583 A2 20011031 EP 2001-303033 20010330  
 EP 1149583 A3 20011114

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO

BR 2001001456 A 20011204 BR 2001-1456 20010411

CA 2344089 AA 20011013 CA 2001-2344089 20010412

US 2001041673 A1 20011115 US 2001-834477 20010413

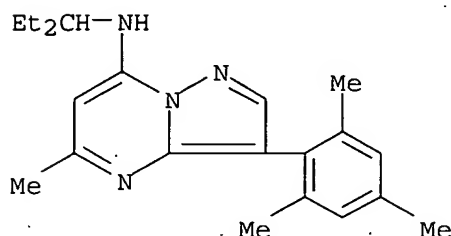
IT 203924-41-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combinations of corticotropin releasing factor antagonists and growth hormone secretagogues)

RN 203924-41-8 CAPLUS

CN Pyrazolo[1,5-a]pyrimidin-7-amine, N-(1-ethylpropyl)-5-methyl-3-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



L15 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:635863 CAPLUS

DOCUMENT NUMBER: 135:200158

TITLE: Oxidative hair dye for keratinous fibers comprising a N-(2-hydroxybenzene)carbamate or a N-(2-hydroxybenzene)urea and a pyrazolopyridine

INVENTOR(S): Pastore, Florent; Kravtchenko, Sylvain

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.    | KIND   | DATE     | APPLICATION NO. | DATE     |
|---------------|--|----------|-----------------|----------|
| WO 2001062220 | A1   | 20010830 | WO 2001-FR502   | 20010221 |
| W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
| RW:           | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  |          |                 |          |

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

|  |    |          |                |            |
|--|----|----------|----------------|------------|
| FR 2805160   | A1 | 20010824 | FR 2000-2336   | 20000223   |
| FR 2805160   | B1 | 20020405 |                |            |
| EP 1175198   | A1 | 20020130 | EP 2001-907859 | 20010221   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO |    |          |                |            |
| JP 2003523376  | T2 | 20030805 | JP 2001-561287 | 20010221   |
| US 2002178512  | A1 | 20021205 | US 2002-959247 | 20020329   |
| PRIORITY APPLN. INFO.:   |    |          | FR 2000-2336   | A 20000223 |
|  |    |          | WO 2001-FR502  | W 20010221 |

OTHER SOURCE(S): MARPAT 135:200158

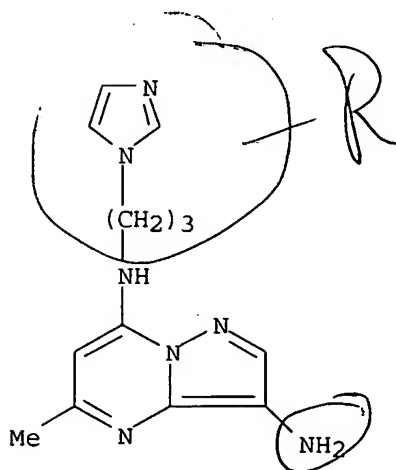
| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| PI WO 2001062220   | A1   | 20010830 | WO 2001-FR502   | 20010221 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,<br>CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,<br>HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,<br>LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,<br>SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,<br>YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,<br>DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,<br>BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |      |          |                 |          |
| FR 2805160   | A1   | 20010824 | FR 2000-2336    | 20000223 |
| FR 2805160   | B1   | 20020405 |                 |          |
| EP 1175198   | A1   | 20020130 | EP 2001-907859  | 20010221 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO   |      |          |                 |          |
| JP 2003523376  | T2   | 20030805 | JP 2001-561287  | 20010221 |
| US 2002178512  | A1   | 20021205 | US 2002-959247  | 20020329 |

IT 267407-85-2 357272-52-7  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
 (Uses)

(oxidative hair dye for keratinous fibers comprising hydroxybenzene  
 carbamate or hydroxybenzene urea and pyrazolopyridine)

RN 267407-85-2 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5-  
 methyl- (9CI) (CA INDEX NAME)



$R^2 = R^9$

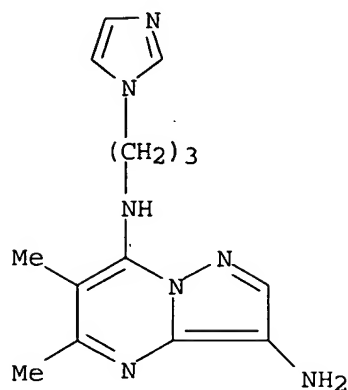
$R^4 = R^5 = R^{10} = H$

RN 357272-52-7 CAPLUS

CN Pyrazolo[1,5-a]pyrimidine-3,7-diamine, N7-[3-(1H-imidazol-1-yl)propyl]-5,6-

10/654,546

dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:hold

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:18:41 ON 15 JUN 2005